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LEADTABLE: A GALENA LEAD ISOTOPE DATA BASE FOR THE CANADIAN CORDILLERA,

with a guide to its use by explorationists

By Colin I. Godwin,
Janet E. Gabites
and Anne Andrew

A Contribution to the Canada/
British Columbia Mineral Development
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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The main objective of this paper is to make galena lead isotope data, and techniques for their interpretation, accessible to explorationists active or interested in the Canadian Cordillera. Interpretation of lead isotopes has important practical application to target selection in regional exploration programs (Gulson 1986). During property examinations determination (by galena lead isotope analysis) of the source and possibly age of mineralization, as well as more theoretical studies of metallogeny and genesis, can be undertaken.

Early work on the analysis and interpretation of galena lead isotopes was limited because of the high cost, and difficulty and inaccuracy of analyses. It is not surprising that applications of lead isotopes to mineral exploration were not pursued vigorously; many analyses were not accurate enough to discern the change in lead isotopic composition over the 600 million year time interval of the Phanerozoic, or to distinguish between crust and mantle lead of the same age. Early quantitative models used to interpret lead evolution were inadequate and ridiculed, because they commonly indicated unrealistically young--even negative--ages for Paleozoic mineral deposits, and were based on over-simplified source evolution and ore deposition models. Analysis of galena lead with the advent of modern mass spectrometers and analytical methods is now accurate, rapid, and relatively cheap. At the same time, geologically realistic models of lead isotope evolution provide a conceptual framework that allows interpretations regarding age and genesis to be made, particularly within specific areas of the Canadian Cordillera (*e.g.* Godwin *et al.* 1982). Lead isotopic compositions are excellent tracers for determining the source(s) of lead and related metals in geologic processes. This is partly because natural isotopic fractionation is negligible for elements with large atomic weight; thus isotopic signatures of ore deposits are inherited directly from their sources, which may have distinct isotopic characteristics due to different uranium/lead ratios and histories.

The study of galena lead isotopes at The University of British Columbia goes back nearly thirty years. Early work, in the Geophysics Department, concentrated on measurement technology and global evolution models. Researchers of the current generation in the Department of Geological Sciences have concentrated on understanding models of lead isotope evolution within the major tectonic terranes of the Canadian Cordillera. Their contribution is apparent from the large number of analyses in the data tables of Chapter 5.

1.2. SCOPE OF PRESENTATION

A concise introduction to theory, models and analytical procedures related to lead isotopes is presented in Chapters 2 to 4. A collection of readily available data for deposits in the Canadian Cordillera is tabulated and documented in Chapter 5. A large number of analyses by the Geological Survey of Canada are not included because they are to be published in their Open File Series (K.M. Dawson and R.L. Thorpe 1987, personal communication). A lead isotope data base for sulphides from Alaska has recently become available (Church *et al.* 1987).

The analyses in Chapter 5 (more than 1,700) are of variable quality, and different analysts have normalized to different standard values. Considerable effort has been made to keep track of such details for the data presented in Tables 5.5 and 5.6. Table 5.1 documents the values used by each analyst for normalization of their data, and the multiplication factors needed to make other data comparable with our recent data. A few exploration-relevant case histories are reported briefly in Chapter 6. These should encourage explorationists to use galena lead isotope data in their own projects.

1.3. ACKNOWLEDGEMENTS

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assisted us in the development of our laboratory techniques. Models of lead isotope evolution in the Canadian Cordillera came from many collaborations, particularly those with A.J. Sinclair, F.M. Goutier, B.D. Ryan and K.M. Dawson. Encouragement from W.J. McMillan in publishing this material was considerable. Research grants from the Science Council of British Columbia, National Scientific and Engineering Research Council, the British Columbia Ministry of Energy Mines and Petroleum Resources, Department of Indian and Northern Development, Cominco Ltd., Cyprus Anvil Mining Corporation, and Rio Algom Ltd. sustained various aspects of the studies and data collection reported here. Many companies and individuals contributed field support while collecting specimens of galena, or donated specimens (most of these are documented in Appendix 1). Some of our important interpretations are dependant on early, precise analyses by P.C. LeCouteur (1975); we are appreciative of the high quality of his data.

We thank R.L. Armstrong, A.J. Sinclair, and W.J. McMillan, for constructive reviews of this publication.

CHAPTER 2

THEORY

2.1. DEFINITION OF AN ISOTOPE

Atoms of a given element must have the same number of protons (atomic number), but can have variable numbers of neutrons in each nucleus. Consequently, atoms of an element differ in atomic mass. Each different mass is referred to as an isotope of that element. Lead, for example, has four major isotopes: ^{204}Pb, ^{206}Pb, ^{207}Pb and ^{208}Pb--each referred to by prefixing the element symbol with the superscribed mass number (total number of protons and neutrons).

2.2. URANIUM AND THORIUM DECAY

2.2.1. INTRODUCTION

Uranium and thorium decay to form the radiogenic component of the lead in rocks and ores. ^{238}U decays to ^{206}Pb, ^{235}U decays to ^{207}Pb, and ^{232}Th decays to ^{208}Pb (Table 2.1). The decay constant (lambda = λ) of ^{235}U is much greater than that of ^{238}U, therefore the half life (ln(2)/lambda) of ^{235}U is much shorter than that of ^{238}U. Thus the addition of radiogenic ^{207}Pb was rapid in the early part of earth history, and the amount of ^{235}U has been depleted to a relatively low abundance today. The present ratio of ^{238}U to ^{235}U is 137.88. All equations relating to uranium decay and lead accumulation (Section 2.2.3) use this value.

When the earth formed, the production rates (abundance times decay constant) of the two uranogenic lead isotopes were nearly equal. Over time the more rapidly decaying ^{235}U has become nearly exhausted, and the production rate of ^{207}Pb has declined. Radiogenic lead derived from uranium during the Phanerozoic is dominantly ^{206}Pb because the lead is derived mainly from ^{238}U. Curves representing closed system evolution of lead in standard $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plots (growth curves) consequently flatten as time approaches the present day (*see* Figures 3.1 and 3.2).

2.2.2. MEASUREMENT CONVENTIONS

Isotopes are always measured as ratios. In plumbology it is convenient to use ratios of the three radiogenic lead isotopes with ^{204}Pb, a naturally occurring, stable, non-radiogenic, and geochemically identical, reference isotope. That universal convention is followed here. In special cases, to avoid ^{204}Pb error (Section 4.6.2), ^{207}Pb and ^{208}Pb are expressed as ratios with the abundant ^{206}Pb isotope.

2.2.3 "SETTING" OF LEAD ISOTOPIC RATIOS

The abundances of all the lead isotopes in a particular volume cease to change only when lead is isolated from the parent uranium and thorium so that no further addition of radiogenic lead can occur. Galena is special because it accommodates no uranium in its lattice and is, of course, rich in lead. Consequently, lead isotope ratios in galena are set at the time it is formed. Metamorphism will not change the galena lead ratios (except where that metamorphism causes crystallization of new galena incorporating lead generated in an uranium bearing host). This is one major reason why galena lead isotope studies are useful in examination of deposits that have been metamorphosed.

Table 2.1.

Abundances, lead isotopes produced, and decay constants of naturally occurring long-lived uranium and thorium isotopes.

Isotope	Present Abundance[1] Percent	Isotope Produced	Decay Constant L = lambda	Reference
^{238}U	99.2739	^{206}Pb	$L_1 = 0.155125 \times 10^{-9}\ yr^{-1}$	Jaffey et al. (1971)
^{235}U	0.7204	^{207}Pb	$L_2 = 0.98485 \times 10^{-9}\ yr^{-1}$	Jaffey et al. (1971)
^{232}Th	100	^{208}Pb	$L_3 = 0.049475 \times 10^{-9}\ yr^{-1}$	LeRoux and Glendenin (1963)

1. Present day abundance of the parent isotope as percent of total uranium or thorium.
2. Present day ratio of $^{238}U/^{235}U = 137.88$ (Steiger and Jäger 1977).

Potassium feldspars can be used in a similar way to galena because they commonly contain minimal uranium and thorium, but are enriched in lead. Some other sulphides with higher uranium/lead and thorium/lead ratios than galena (pyrite, sphalerite, pyrrhotite) can be used for lead isotopic analysis. Present-day ratios can be corrected for *in situ* decay of uranium and thorium to lead, by measuring the uranium, thorium and lead abundances and assuming that the age of the sample is known and that there has not been loss or gain of these components in the mineral system (*see* Equations 4 to 6, Section 2.2.3.).

2.2.4. EQUATIONS OF LEAD EVOLUTION IN CLOSED SYSTEMS

The following equations define the evolution of lead with time. Equations 1 to 3, below, simply state that the abundance (number of atoms) of a lead isotope at the time of isolation from its parent isotope (for example, the age of mineralization at T_2) is equal to the number of atoms of the lead isotope at an earlier time (T_1) plus the number of atoms of lead produced by the decay of the parent isotope between times T_1 and T_2. Thus (decay constants L_1 to L_3 are defined in Table 2.1):

EQUATION 1:

$$(^{206}Pb)_{T2} = (^{206}Pb)_{T1} + [^{238}U * (e^{(L1*T1)} - e^{(L1*T2)})]$$

EQUATION 2:

$$(^{207}Pb)_{T2} = (^{207}Pb)_{T1} + [^{235}U * (e^{(L2*T1)} - e^{(L2*T2)})]$$

EQUATION 3

$$(^{208}Pb)_{T2} = (^{208}Pb)_{T1} + [^{232}Th * (e^{(L3*T1)} - e^{(L3*T2)})]$$

These equations are expressed more usefully in terms of ratios to ^{204}Pb and by simplifying so that:

(1) starting ratios of $^{206}Pb/^{204}Pb$, $^{207}Pb/^{204}Pb$ and $^{208}Pb/^{204}Pb$ are X_1, Y_1, and Z_1, respectively, at starting time T_1,

(2) X_2, Y_2, and Z_2 are the ending ratios of $^{206}Pb/^{204}Pb$, $^{207}Pb/^{204}Pb$ and $^{208}Pb/^{204}Pb$, respectively, at ending time T_2,

(3) $\mu = ^{238}U/^{204}Pb = mu$,

(4) $^{235}U/^{238}U = 1/137.88$ = present day ratio,

(5) $\kappa = ^{232}Th/^{238}U = kappa$, and

(6) $\omega = ^{232}Th/^{204}Pb = omega = \mu * \kappa$,

then:

EQUATION 4:

$$X_2 = X_1 + [\mu * (e^{(L1*T1)} - e^{(L1*T2)})]$$

EQUATION 5:

$$Y_2 = Y_1 + [\mu/137.88 * (e^{(L2*T1)} - e^{(L2*T2)})]$$

EQUATION 6:

$$Z_2 = Z_1 + [\omega * (e^{(L3*T1)} - e^{(L3*T2)})]$$

These equations have been used to generate the growth curves of models described in later sections. In galena lead studies X_2, Y_2 and Z_2 are the measured ratios which have remained the same since the galena formed. Estimates of the unknown ages (T1 and T2), and the mu and omega values, are made using models for lead isotope interpretation, some of which are outlined in Chapters 3 and 6. (Note that these equations require the assumption of evolution over the given T1 to T2 time interval in a closed system where there is no gain or loss of uranium, lead or thorium.)

Sometimes data for a suite of related samples (same T_1, T_2, X_1, Y_1; variable *mu*) lie on straight lines on a plot of $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$. These lines are isochrons; they join data of the same age. Equations 4 and 5 can be combined to express the slope (M) of the straight line (*mu* is cancelled so that only T_1 and T_2 are unknown) so that (Russell 1956):

EQUATION 7:

$$M = \frac{(Y_2 - Y_1)}{(X_2 - X_1)} = \frac{1}{137.88} * \frac{(e^{(L2*T1)} - e^{(L2*T2)})}{(e^{(L1*T1)} - e^{(L1*T2)})}$$

Equation 7 can be used to estimate dates related to mineral deposits (Sinclair 1968). The significance of the dates T_1 and T_2 varies according to the type of linear array obtained. If the linear array is for data from galena representing a group of deposits that have similar characteristics and occur within the same tectono-stratigraphic terrane, then the different isotopic compositions are produced in three main ways:

(1) by addition of variable amounts of radiogenic lead from the host or source rocks to a homogeneous lead at the time of mineralization (this often applies to vein deposits, *cf.* Peso veins, Table 5.6ON, number 10085). In this instance the age T_2 is the mineralization age, and T_1 reflects the age of the source or host rocks. A series of pairs of source ages (T_1) and mineralization ages (T_2) can be calculated from the slope (M). Fixing either T_1 or T_2 by independent evidence establishes the other.

(2) by taking lead from a source that was initially homogeneous with respect to lead isotopes at time T_1, in which lead evolved in different uranium-lead sub-environments, so that at the time of mineralization (T_2), the galena lead isotopes produce the linear relationship described by Equation 7 (Kanasewich 1968). As with

case (1), the mineralization age is T_2, but here T_1 is the age of a homogenization event (such as major regional metamorphism) in the source. T_1 and T_2 are estimated as for case (1) above.

(3) by mixing between reservoirs that have different lead isotope characteristics (Andrew *et al.* 1984), This situation does not represent systems that share initial conditions or history, therefore Equation 7 does not apply (*see* Sections 3.4 and 6.4), but the slope may give some indication of the length of time that the different systems evolved independently.

Linear arrays on $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plots can also be generated by measuring a collection of cogenetic materials that contain variable amounts of associated uranium (such as galena, sphalerite, pyrite, whole rock, *etc.*). In this case, the mineralization age is T_1, and it can be calculated using Equation 7, with $T_2 = 0$, the time of measurement. This assumes that all the minerals are closed with respect to uranium or lead loss or gain until the present.

Equation 7 is the equation used to calculate the age of meteorites (and by inference the Earth) from measurements of lead isotopes in different types of meteorites (Patterson 1956; Tilton 1973; Tatsumoto *et al.* 1973). It is assumed that lead from the uranium-free but lead-rich troilite (a variety of pyrrhotite) in the Cañyon Diablo meteorite approximates primordial, or earliest solar system lead. Values for this troilite, from Tatsumoto *et al.* (1973), are: $X_1 = 9.307$, $Y_1 = 10.294$ and $Z_1 = 29.476$. Measurement of the lead isotopes in stony meteorites defines a line through the point of the troilite lead, in plots of $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$. This line is the Geochron, plotted in Figure 3.1 and in many other lead isotope diagrams. The age of the meteorites can be calculated by solving Equation 7 for T_1, using the slope (M) of this line and $T_2 = 0$. Patterson (1956) found this age to be 4.55 ± 0.07 billion years. More recent estimates by Tatsumoto *et al.* (1973) and Tilton (1973) place the age of the meteorites, and Earth, at 4.57 billion years, which is the value used in this publication.

Computer programs, written in BASIC, that perform calculation of X, Y, Z, μ, ω, T, and M values from Equations 4 to 7 are in Appendix 2. Similar programs for a Hewlett-Packard (HP-CV) hand calculator are in Appendix 3.

2.3. LEAD ISOTOPES IN ORE DEPOSITS

Equations 1 to 7, above, show that the amount of radiogenic lead produced in an uranium- and thorium-bearing closed system depends on the length of time that the uranium and thorium isotopes decay ($T_2 - T_1$), and on the absolute concentrations of lead, uranium and thorium (and therefore *mu* and *kappa*). Uranium and thorium are lithophile elements and therefore tend to be concentrated in sialic rocks. Thus the upper crustal environment is richer in radiogenic lead than are the mantle and lower crust (Doe and Zartman 1979). Consequently, the source reservoir(s) from which lead in an ore deposit is derived will control the isotopic composition of the contained lead. The tectono-stratigraphic setting governs which sources are available, and their relative importance in any deposit.

The age of mineralization of a deposit (T_2) governs the amount of time that parent U and Th isotopes have decayed before the lead was separated and the ratios frozen during the formation of, for example, galena. In a well behaved system, ore deposits (of the same type) which vary only in age of mineralization should fall along growth curves (*see* Figures 4.1 and 4.2) for which the *mu* and *kappa* values can be determined if the ages of mineralization are known (*see* Equations 4 to 6, Section 2.2.3).

Processes of mineralization can modify the isotopic composition of lead deposited in an ore deposit. Enrichment of vein deposits with radiogenic lead has been observed in many studies (Russell and Farquhar 1960, Heyl *et al.* 1974, Godwin *et al.* 1982). This process probably occurs because, whereas ^{204}Pb atoms are tightly held where they were originally accommodated into the lattices of minerals, the radiogenic lead isotopes, produced by decay of large interstitial U and Th atoms, are more easily available to ore fluids (especially because the lattice surrounding the site might be damaged by radiation; *see* Sinclair 1968). Uranium tends to be in an interstitial position, more easily leached along with associated radiogenic lead. This selective extraction explains the anomalous lead often found in veins. The efficiency with which total lead *versus* labile radiogenic lead is extracted depends on the scale of the mineralization process, and is likely to be greater for larger (*e.g.* massive sulphide-type) deposits than for smaller (*e.g.* vein-type) deposits. This is mainly because formation of large deposits involves the effective scavenging and averaging of lead from comparatively large volumes of crust by large volumes of fluids acting over longer time intervals. The lead in the larger deposits is generally more homogeneous than in the smaller ones.

The lead isotopic composition of galena in an ore deposit therefore depends on: (1) the source of the lead, (2) the age of the mineralization, and (3) the selectivity of the mineralizing process. Any combination of the above factors can affect the isotopic composition of lead in a deposit, making interpretation difficult unless the analyses are accompanied by sound geological information, including the tectono-stratigraphic setting.

CHAPTER 3

LEAD EVOLUTION MODELS

3.1. MODEL OF HOLMES-HOUTERMANS

The study of lead isotopes was initiated by Nier in 1937 to 1941. Classical theoretical interpretation of lead isotopes was simultaneously conceived by Holmes (1946) and Houtermans (1946). They derived equations to describe the evolution of lead isotope ratios with time, based on the addition of radiogenic lead to common lead by the radioactive decay of uranium and thorium. The Holmes - Houtermans model was the first to be used for interpreting ore lead data. Each lead isotope analysis, plotted on a grid of single-stage lead evolution curves, could be interpreted in terms of a unique age and *mu* value depending on its position within the grid. Any analysis falling outside the grid could not be interpreted using this model. Analyses which gave ages that conflicted with existing age data were termed 'anomalous', of one of two types. J-type, or Joplin-type 'anomalous' lead was very radiogenic, having formed in an unusually uranium- and thorium-rich environment. Model dates for deposits were younger than the age of the deposit. B-type, or Bleiberg-type 'anomalous' lead appeared older than the containing host rocks. J-type and B-type classification of leads is no longer used.

Growth curves HH1 and HH2, based on a Holmes-Houtermans model modified by current conventional constants for initial lead ratios and decay rates, are presented in Table 3.1 and Figure 3.1. Assumptions for construction of the two curves shown on Figure 3.1 are: (1) an age of the Earth (T_1) of 4.57 billion years, and (2) primordial ratios equal to those of the Cañyon Diablo troilite (*see* Section 2.2.3). Equations 4 to 6 (PROG1 in Appendix 2) were used to generate the data in Table 3.1. Galena from mineral deposits cannot be accurately dated with this model because the earth is not a simple closed system.

Analyses of galena-lead from a number of major ore deposits were found to plot close to a single-stage 'primary growth curve' discussed in papers by Russell, Farquhar and Cumming (Russell and Farquhar 1960). They attributed this single-stage growth curve to a homogeneous source for lead, while noting that the assumption of such complete mixing by crustal processes was unacceptable. Stanton and Russell (1959), however, noted that large, conformable volcanogenic ore deposits (such as the Sullivan deposit in Canada, and the Captain's Flat, Cobar, Halls Peak and Broken Hill deposits in Australia) contained lead that plotted on a growth curve, indistinguishable from the primary single-stage growth curve (*i.e.* 'ordinary' lead). They concluded that since the lead was presumably volcanic in origin, the primary growth curve must represent lead evolution in the mantle, which was interpreted as being homogeneous in uranium, thorium, and lead isotopic composition. Subsequently, numerous analyses of lead in mid-ocean ridge and ocean island basalts showed that the mantle is not isotopically homogeneous. Several revisions of the primary single-stage growth curve were attempted using more precise data (Kollar 1960, Ostic *et al.* 1963, Russell and Reynolds 1965, Cooper *et al.* 1969, Ostic *et al.* 1967).

3.2. MODELS OF STACEY AND KRAMERS, AND CUMMING AND RICHARDS

Revisions of uranium and thorium decay constants in the mid-1970's caused the parameters used in the calculation of the primary single-stage growth curve to be modified in such a way that no single-stage growth curve could pass adequately through the data points representing major deposits. The complexity of lead isotope evolution became apparent.

Stacey and Kramers (1975) empirically produced a simple two-stage growth curve (Table 3.2, and Figures 3.1 and 3.2). Their first stage is described by lead evolution from troilite lead where *mu* = 7.19 and *omega* = 32.21 (*kappa* = 6.2)--curve HH1 of Table 3.1 and Figure 3.1. Their second stage started at 3.7 billion years in an environment with *mu* = 9.74 and *omega* = 36.84 (*kappa* = 3.784), and was constrained to pass closely through data that included major, conformable deposits. The commencement of their second stage is at a time that recurs in isotope studies; it corresponds to the approximate age of the oldest known rocks. This might represent the time at which the earth ceased to be well mixed, and when reservoirs of isotopic enrichment and depletion began to survive as stable crust and mantle.

Cumming and Richards (1975) proposed a growth curve that gives similar results to the two-stage model of Stacey and Kramers (1975). Their curve--also constrained by data that included major, conformable

deposits--was generated by steadily increasing *mu* and *omega* values with time.

The concept of multiple stages, used by Stacey and Kramers, is mathematically simpler than changing the constants *mu* and *omega* into time dependant variables, as advocated by Cumming and Richards. We use the multiple stage approach in the Canadian Cordillera. Stacey and Kramers' growth curve approximates what is probably evolution of average terrestrial modern lead, and is similar to 'orogene' lead (crust-mantle mix; *see* Section 3.3), so this curve is commonly plotted as a reference curve when presenting lead data.

3.3. PLUMBOTECTONIC MODELS

Prediction of lead evolution by computer models to simulate plate tectonic mixing of crust and mantle reservoirs, rather than, as above, empirically fitting a curve to lead analyses, is another approach to the study of lead isotopes. Armstrong (1968) and Armstrong and Hein (1973) reconciled lead and strontium evolution in a heterogeneous earth, allowing isotopic exchange between crust and mantle at rates that decrease exponentially with time. Modelling of lead evolution in a dynamic Earth has been named "plumbotectonics" in order to emphasise the interaction envisioned to take place among crustal and mantle reservoirs (Doe and Zartman 1979).

Doe and Zartman (1979), and Zartman and Doe (1981), calculated lead evolution in each of four major reservoirs (Table 3.3, and Figures 3.1 and 3.2) that are accessible to each other, but that may be isolated for long periods of time. Material is transferred among them by plate tectonic processes involving erosion and orogenies. The reservoirs are named: (1) mantle, (2) lower crust, (3) upper crust, and (4) orogene. The orogene is relatively short-lived and the site of mixing of lead from all of the

Table 3.1.

Lead isotope data for the construction of the single-stage (Holmes-Houtermans) lead evolution plots, where: for HH1, $\mu_1 = 7.19$ and $\omega_1 = 32.21$ ($\kappa_1 = 6.2$); for HH2, $\mu_1' = 10$ and $\omega_1' = 40$ ($\kappa_1' = 4.0$). Curves were generated using PROG1.BAS (Appendix 2). Figure 3.1 shows curves HH1 and HH2 on a $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plot.

Age	Time[1] to base Ga	$^{206}Pb/^{204}Pb$ μ_1=7.19 HH1	$^{206}Pb/^{204}Pb$ μ_1'=10 HH2	$^{207}Pb/^{204}Pb$ μ_1=7.19 HH1	$^{207}Pb/^{204}Pb$ μ_1'=10 HH2	$^{208}Pb/^{204}Pb$ ω_1=33.21 κ_1=6.2 HH1	$^{208}Pb/^{204}Pb$ ω_1'=40 κ_1'=4.0 HH2	$^{207}Pb/^{206}Pb$ HH1	$^{207}Pb/^{206}Pb$ HH2	$^{208}Pb/^{206}Pb$ HH1	$^{208}Pb/^{206}Pb$ HH2
Present	0.00	16.726	19.625	14.941	16.755	37.905	39.624	0.89328	0.85376	2.2663	2.0191
Tertiary (R)	0.07	16.648	19.516	14.937	16.750	37.791	39.485	0.89722	0.85827	2.2700	2.0232
Cretaceous (K)	0.14	16.569	19.405	14.933	16.744	37.676	39.346	0.90126	0.86287	2 2739	2.0276
Jurassic (J)	0.21	16.488	19.294	14.929	16.739	37.560	39.206	0.90543	0.86758	2.2780	2.0320
Triassic (T)	0.25	16.442	19.230	14.926	16.735	37.493	39.126	0.90780	0.87025	2.2803	2.0346
Permian (P)	0.29	16.396	19.165	14.923	16.731	37.426	39.046	0.91016	0.87300	2.2826	2.0374
Carboniferous (B)	0.36	16.313	19.051	14.918	16.724	37.310	38.905	0.91449	0.87785	2.2871	2.0421
Devonian (D)	0.41	16.254	18.968	14.915	16.719	37.226	38.804	0.91762	0.88143	2.2903	2.0458
Silurian (S)	0.44	16.219	18.919	14.912	16.716	37.175	38.744	0.91942	0.88356	2.2921	2.0479
Ordovician (O)	0.51	16.134	18.802	14.907	16.708	37.058	38.602	0.92395	0.88863	2.2969	2.0521
Cambrian (C)	0.57	16.062	18.701	14.901	16.701	36.956	38.480	0.92772	0.89305	2.3008	2.0576
	0.70	15.902	18.478	14.889	16.683	36.736	38.215	0.93630	0.90286	2.3101	2.0681
Late Proterozoic (Z)	0.90	15.649	18.127	14.866	16.652	36.394	37.803	0.94996	0.91863	2.3256	2.0855
	1.10	15.389	17.764	14.839	16.613	36.049	37.387	0.96426	0.93521	2.3425	2.1047
	1.30	15.120	17.391	14.805	16.567	35.700	36.967	0.97917	0.95262	2.3611	2.1256
	1.50	14.843	17.005	14.764	16.510	35.347	36.543	0.99468	0.97089	2.3814	2.1490
Middle Proterozoic (Y)	1.60	14.701	16.808	14.741	16.477	35.170	36.329	1.0027	0.98031	2.3923	2.1614
	2.00	14.111	15.987	14.619	16.308	34.451	35.464	1.0360	1.0201	2.4414	2.2183
Early Proterozoic (X)	2.50	13.320	14.887	14.381	15.977	33.533	34.358	1.0797	1.0732	2.5175	2.3079
Late Archean (W)	3.00	12.466	13.699	13.992	15.436	32.591	33.224	1.1224	1.1268	2.6144	2.4253
Middle Archean (V)	3.40	11.733	12.679	13.509	14.764	31.821	32.298	1.1514	1.1645	2.7121	2.5472
Early Archean (U)	4.00?	10.544	11.026	12.313	13.101	30.637	30.871	1.1678	1.1882	2.9056	2.7998
Primordial Pb[2]	4.57	9.307	9.307	10.294	10.294	29.476	29.476	1.1060	1.1060	3.1671	3.1671

1. Time boundaries from DNAG Geologic Time Scale (Palmer 1983). Ga = billion years
2. Primordial lead from Tatsumoto *et al.* (1973)--*see* section 2.2.4.

first three reservoirs; it represents an active subduction zone at the edge of a continent. The orogene eventually becomes part of the crustal reservoir, subsequently to be recycled back into both the mantle and the orogene. The orogene curve was constrained to fit approximately Stacey and Kramers' curve. Zartman (1986) recognizes a further, enigmatic reservoir termed "subcrustal lithosphere", as source for continental flood basalts and other mafic and ultramafic rocks. He considers that it is created as a mixture of "returned orogene" and "captured mantle", each contribution retaining separate isotopic identity. Thus derived melts would contain a spectrum of isotopic compositions.

Zartman and Doe (1981) define the mathematical basis for their computer model (Zartman and Doe 1980). Their study illustrates the point that lead evolution is partly dependent on plate tectonics. Thus, variations in isotopic characteristics are to be expected among sections of the crust that have had different plate tectonic histories.

The Doe and Zartman growth curves are not intended to be used to date specific ore deposits, rather they give an indication of the variation in ratios that can result from leads that have their origin in different environments. Lead isotopic ratios for the growth curve for each reservoir (Zartman and Doe 1981; *cf* Zartman 1986) are in Table 3.3; the curves are plotted in Figure 3.2.

Plumbotectonic models provide a framework for the interpretation of galena lead isotopes. As a rule the more terrane specific a model is, the more accurate the interpretations of age and origin are likely to be. A number of useful terrane specific curves are detailed in Section 3.4.

Table 3.2.

Growth curve lead isotope data for the second stage of the two-stage model of Stacey and Kramers (1975). The first stage (4.57 - 3.70 billion years) has $\mu_1 = 7.19$ and $\omega_1 = 32.21$ ($\kappa_1 = 6.2$), and therefore corresponds to the curve HH1 (Table 3.1, Figure 3.1). The second stage, which begins at 3.70 billion years, has $\mu_2 = 9.736$ and $\omega_2 = 36.84$ ($\kappa_2 = 3.784$). Data were generated using PROG1.BAS (Appendix 2). Figures 3.1 and 3.2 show the SK growth curve on a $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plot.

Age	Time[1] to base Ga	$^{206}Pb/^{204}Pb$ $\mu_2 = 9.736$	$^{207}Pb/^{204}Pb$ $\mu_2 = 9.736$	$^{208}Pb/^{204}Pb$ $\omega_2 = 36.84$ $\kappa_2 = 3.784$	$^{207}Pb/^{206}Pb$	$^{208}Pb/^{206}Pb$
Present	0.0	18.700	15.628	38.630	0.83570	2.0658
Tertiary (R)	0.07	18.594	15.623	38.503	0.84021	2.0707
Cretaceous (K)	0.14	18.486	15.617	38.375	0.84480	2.0758
Jurassic (J)	0.21	18.378	15.612	38.246	0.84948	2.0811
Triassic (T)	0.25	18.315	15.608	38.172	0.85219	2.0848
Permian (P)	0.29	18.252	15.604	38.098	0.85493	2.0873
Carboniferous (B)	0.36	18.141	15.598	37.969	0.85980	2.0930
Devonian (D)	0.41	18.061	15.593	37.876	0.86334	2.0971
Silurian (S)	0.44	18.013	15.590	37.820	0.86548	2.0997
Ordovician (O)	0.51	17.899	15.582	37.689	0.87055	2.1057
Cambrian (C)	0.57	17.800	15.575	37.577	0.87497	2.1111
	0.70	17.584	15.558	37.333	0.88479	2.1232
Late Proterozoic (Z)	0.90	17.242	15.527	36.953	0.90056	2.1433
	1.10	16.889	15.490	36.570	0.91717	2.1654
	1.30	16.525	15.444	36.183	0.93461	2.1896
	1.50	16.149	15.389	35.793	0.95291	2.2163
Middle Proterozoic (Y)	1.80	15.957	15.357	35.596	0.96237	2.2307
	2.00	15.159	15.192	34.799	1.0022	2.2957
Early Proterozoic (X)	2.50	14.088	14.870	33.780	1.0555	2.3978
Late Archean (W)	3.00	12.931	14.343	32.736	1.1092	2.5317
Middle Archean (V)	3.40	11.938	13.689	31.882	1.1467	2.6706
Beginning 2nd stage	3.70	11.152	12.998	31.230	1.1655	2.8004

1. Time boundaries from DNAG Geologic Time Scale (Palmer 1983). Ga = billion years.

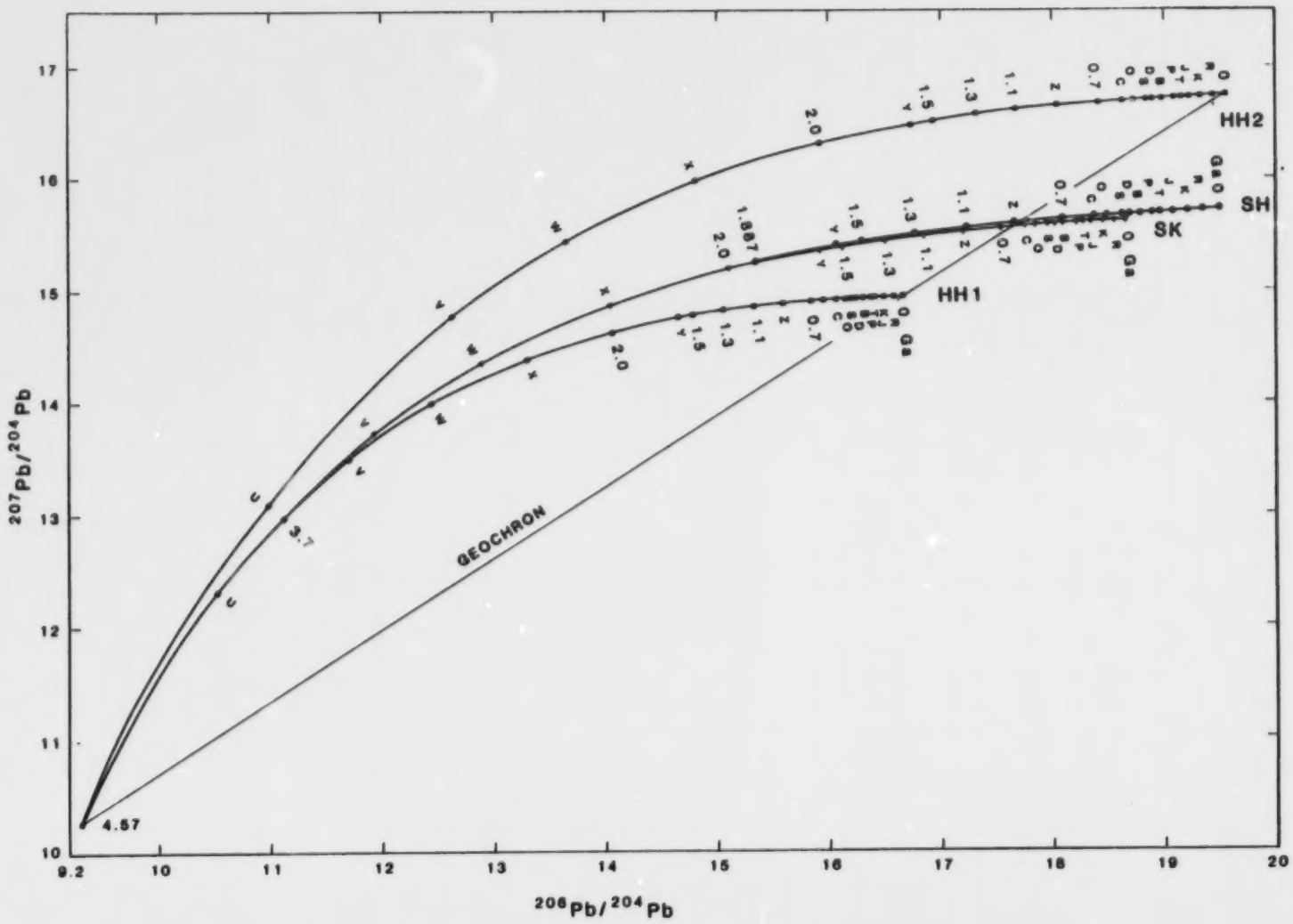


Figure 3.1 Lead evolution curves for the models of Holmes and Houtermans (HH1 and HH2), Stacey and Kramers (SK), and Godwin and Sinclair (SH), showing the effect of single-stage evolution in reservoirs with different *mu* values. Data are in Tables 3.1, 3.2, and 3.5. Letter codes for time intervals are as in Table 5.2. Ages are in billions of years. The Geochron is the line connecting present day Pb isotopic compositions of meteorites. It passes through 0 Ma on HH1 and HH2 and troilite lead of the Cañyon Diablo meteorite (*see* Section 2.2.4). Only the most commonly interpreted ratios ($^{207}Pb/^{204}Pb$ and $^{206}Pb/^{204}Pb$) have been plotted. Note that Stacey and Kramers' curve evolves from 3.7 billion years on curve HH1; the shale curve (SH) departs from SK at 1.887 billion years.

Table 3.3

Data for growth curves generated by the plumbotectonic model of Zartman and Doe (1981) (after version II, table VI in Zartman and Doe 1981). Curves representing evolution of mantle (MN), lower crust (LC), upper crust (UC), and orogene (OR) are plotted in Figure 3.2(A), for the most commonly interpreted lead isotope ratios ($^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$). Intermediate ratios between orogene events defined in Zartman and Doe (1981) were calculated by estimating *mu* and *omega*, then using equations 4 to 6 in Section 2.2.4, and PROG1 and PROG2 in Appendix 2).

Age	Time[1] to base Ga	Reservoir	$^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$	$^{207}Pb/^{206}Pb$	$^{208}Pb/^{206}Pb$
Present	0.0	MN	18.01	15.47	37.71	0.8562	2.0938
	0.0	LC	17.54	15.39	38.67	0.8774	2.2047
	0.0	UC	19.44	15.70	39.19	0.8076	2.0159
	0.0	OR	18.89	15.61	38.81	0.8264	2.0545
Tertiary (R)	0.07	MN	17.91	15.47	37.80	0.8638	2.0994
	0.07	LC	17.44	15.38	38.54	0.8819	2.2099
	0.07	UC	19.33	15.70	39.05	0.8122	2.0202
	0.07	OR	18.78	15.61	38.68	0.8312	2.0596
Cretaceous (K)	0.14	MN	17.82	15.46	37.49	0.8676	2.1038
	0.14	LC	17.33	15.37	38.40	0.8869	2.2158
	0.14	UC	19.21	15.70	38.92	0.8173	2.0260
	0.14	OR	18.68	15.60	38.55	0.8351	2.0637
Jurassic (J)	0.21	MN	17.72	15.46	37.38	0.8725	2.1095
	0.21	LC	17.22	15.36	38.27	0.8920	2.2224
	0.21	UC	19.10	15.70	38.78	0.8220	2.0304
	0.21	OR	18.57	15.60	38.42	0.8401	2.0689
Triassic (T)	0.25	MN	17.66	15.45	37.32	0.8749	2.1133
	0.25	LC	17.18	15.35	38.19	0.8945	2.2255
	0.25	UC	19.03	15.69	38.70	0.8245	2.0336
	0.25	OR	18.51	15.60	38.34	0.8428	2.0713
Permian (P)	0.29	MN	17.61	15.45	37.25	0.8773	2.3970
	0.29	LC	17.10	15.34	38.11	0.8971	2.2287
	0.29	UC	18.97	15.69	38.63	0.8271	2.0364
	0.29	OR	18.44	15.60	38.27	0.8460	2.0754
Carboniferous(B)	0.36	MN	17.51	15.44	37.14	0.8818	2.1211
	0.36	LC	16.99	15.33	37.98	0.9023	2.4775
	0.36	UC	18.85	15.69	38.49	0.8324	2.0419
	0.36	OR	18.33	15.59	38.14	0.8505	2.0807
Devonian (D)	0.41	MN	17.44	15.44	37.06	0.8853	2.1250
	0.41	LC	16.91	15.32	37.88	0.9060	2.2401
	0.41	UC	18.78	15.69	38.39	0.8364	2.0464
	0.41	OR	18.25	15.59	38.04	0.8542	2.0844
Silurian (S)	0.44	MN	17.39	15.44	37.02	0.8879	1.1288
	0.44	LC	16.87	15.31	37.82	0.9075	2.2418
	0.44	UC	18.71	15.69	38.33	0.8386	2.0486
	0.44	OR	18.20	15.59	37.98	0.8566	2.0868

Age	Time[1] to base Ga	Reservoir	$^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$	$^{207}Pb/^{206}Pb$	$^{208}Pb/^{206}Pb$
Ordovician (O)	0.51	MW	17.29	15.43	36.91	0.8924	2.1348
	0.51	LC	16.76	15.30	37.68	0.9129	2.2482
	0.51	UC	18.59	15.68	38.19	0.8435	2.0543
	0.51	OR	18.09	15.58	37.85	0.8612	2.0923
Cambrian (C)	0.57	MW	17.20	15.42	36.81	0.8965	2.1401
	0.57	LC	16.66	15.29	37.57	0.9178	2.2551
	0.57	UC	18.48	15.68	38.07	0.8485	2.0601
	0.57	OR	17.99	15.57	37.73	0.8655	2.0973
	0.70	MW	17.00	15.40	36.60	0.9059	2.1529
	0.70	LC	16.45	15.26	37.31	0.9277	2.2681
	0.70	UC	18.24	15.67	37.80	0.8591	2.0724
	0.70	OR	17.76	15.56	37.48	0.8761	2.1104
Late Proterozoic (Z)	0.90	MW	16.69	15.38	36.28	0.9215	2.1738
	0.90	LC	16.13	15.22	36.91	0.9436	2.2883
	0.90	UC	17.87	15.65	37.39	0.8758	2.0923
	0.90	OR	17.41	15.54	37.09	0.8926	2.1304
	1.10	MW	16.37	15.34	35.95	0.9371	2.1961
	1.10	LC	15.78	15.18	36.51	0.9601	2.3122
	1.10	UC	17.47	15.62	36.97	0.8941	2.1162
	1.10	OR	17.05	15.51	36.69	0.9097	2.1519
	1.30	MW	16.04	15.30	35.62	0.9539	2.2207
	1.30	LC	15.45	15.10	36.11	0.9773	2.3372
	1.30	UC	17.07	15.58	36.57	0.9127	2.1424
	1.30	OR	16.65	15.46	36.26	0.9285	2.1778
	1.50	MW	15.70	15.24	35.28	0.9707	2.2471
	1.50	LC	15.11	15.02	35.71	0.9940	2.3633
	1.50	UC	16.67	15.54	36.15	0.9322	2.1686
	1.50	OR	16.21	15.40	35.81	0.9500	2.2091
Middle Proterozoic (Y)	1.60	MW	15.53	15.21	35.11	0.9794	2.2608
	1.60	LC	14.93	14.98	35.51	1.0033	2.3784
	1.60	UC	16.46	15.52	35.94	0.9429	2.1835
	1.60	OR	15.98	15.36	35.58	0.9612	2.2265
	2.00	MW	14.80	15.05	34.42	1.0169	2.3257
	2.00	LC	14.21	14.78	34.69	1.0401	2.4412
	2.00	UC	15.59	15.37	35.09	0.9859	2.2508
	2.00	OR	15.17	15.20	34.78	1.0020	2.2927
Early Proterozoic (X)	2.50	MW	13.83	14.76	33.54	1.0672	2.4252
	2.50	LC	13.27	14.43	33.65	1.0874	2.5358
	2.50	UC	14.39	15.06	33.97	1.0466	2.3607
	2.50	OR	14.05	14.87	33.74	1.0584	2.4014
Late Archean (W)	3.00	MW	12.77	14.27	32.61	1.1175	2.5538
	3.00	LC	12.25	13.86	32.59	1.1314	2.6604
	3.00	UC	13.14	14.54	32.84	1.1065	2.4992
	3.00	OR	12.84	14.32	32.66	1.1153	2.5436

Age	Time[1] to base Ga	Reser-voir	$^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$	$^{207}Pb/^{206}Pb$	$^{208}Pb/^{206}Pb$
Middle Archean (V)	3.40	MN	11.85	13.68	31.81	1.1527	2.6844
	3.40	LC	11.37	13.19	31.74	1.1601	2.7916
	3.40	UC	12.09	13.88	31.93	1.1481	2.6410
	3.40	OR	11.88	13.68	31.83	1.1515	2.6793
Early Archean (U)	4.00	MN	10.32	12.12	30.56	1.1744	2.9612
	4.00	LC	10.32	12.12	30.56	1.1744	2.9612
	4.00	UC	10.32	12.12	30.56	1.1744	2.9612
	4.00	OR	10.32	12.12	30.56	1.1744	2.9612

1. Time boundaries from DNAG Geologic Time Scale (Palmer 1983). Ga = billion years.

3.4. TERRANE SPECIFIC MODELS FOR THE CANADIAN CORDILLERA

One way to improve generalized models based on attempts to systematize all lead from all over the world, as done by all the models so far presented, is to establish empirical growth curves for specific segments of crust. Correlation between the isotopic composition of magmatic and ore leads, and their tectonic setting was demonstrated by Zartman (1974). This is fundamental to the work of Godwin and Sinclair (1982), and Andrew *et al.* (1984), who developed two growth curves applicable to a specific but large segment of the Canadian Cordillera. The recent recognition of terranes in the Canadian Cordillera (Coney *et al.* 1980; Monger 1984) allows cohesive segments of crust to be specified. Basic subdivision of the Canadian Cordillera into the major belts: Insular, Cascade, Intermontane, Omineca, Selwyn, and Foreland, have long been recognized (*cf.* Sutherland Brown *et al.* 1971). These belts, with some boundaries refined by J.O. Wheeler and H. Gabrielse (written communication 1987), are used to organize our lead data (Tectonic Belt and Tectonic Code: Tables 5.4 to 5.6). Our knowledge of the characteristics of lead for each of the belts vary. Details for each are outlined in the following sections.

3.4.1. INSULAR (I) BELT

The Insular Belt is composed largely of the Wrangellia and Alexander Terranes. Most work in this belt has been in Wrangellia on Vancouver Island. A single growth curve model is inappropriate because Vancouver Island is made up of several different tectonic environments--each with its own isotopic characteristics produced by different combinations of various mantle and crustal lead types.

Galena lead isotope data from ore deposits of unknown age and origin can be interpreted in a general way by comparing them to data from deposits dated by other means. This method is complicated by the fact that there is an area on the $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plot within which there are small differences in isotopic composition among data from ore deposits of widely different ages. This area occupies the range: $^{206}Pb/^{204}Pb$ = 18.5 to 18.8 and $^{207}Pb/^{204}Pb$ = 15.55 to 15.60, and contains data from ore deposits of Paleozoic, Mesozoic and Tertiary age. Outside this area it is possible to identify data representing Tertiary mineralization ($^{206}Pb/^{204}Pb$ greater than 18.8) from that of Paleozoic and Mesozoic mineralization ($^{206}Pb/^{204}Pb$ less than 18.5).

Galena related to Jurassic plutons of the Island Intrusions is isotopically distinct from that associated with the Tertiary Catface plutons (*see* figure 6.2 *in* Andrew 1987). Thus it is possible to discriminate between these mineralization events. Tertiary mineralization is characterized by data with higher $^{208}Pb/^{204}Pb$ (greater than 38.25) than the Jurassic mineralization (less than 38.25).

Paleozoic mineralization in the Sicker Group can be identified by comparison with data from the Buttle Lake (Westmin: HW, Lynx, Myra--Table 5.6I: numbers 30735, 30443, 30703), Mount Sicker (Lenora and Tyee--number 30702) ore deposits and from the Debbie showing near Port Alberni (number 30457). They have ratios ($^{206}Pb/^{204}Pb$ less than 18.6 and $^{207}Pb/^{204}Pb$ greater than 15.56) that can be distinguished from data related to Jurassic mineralization that has a lower $^{207}Pb/^{204}Pb$ ratio, and from Tertiary mineralization that has a greater $^{206}Pb/^{204}Pb$ ratio (*see* figure 6.2 *in* Andrew 1987). There is no clear isotopic separation between mineralization syngenetic with the Triassic Karmutsen Formation, and mineralization related to the Sicker

Group; although in general the Karmutsen mineralization has lead with lower $^{207}Pb/^{204}Pb$ and greater $^{206}Pb/^{204}Pb$ ratios.

3.4.2. INTERMONTANE (N) AND CASCADE (C) BELTS

The Intermontane Belt mainly consists of a pre-accretionary, dominantly volcanic assemblage that ranges from Triassic (*e.g.* the Kutcho Formation and the contained Kutcho deposit) to Jurassic (*e.g.* the Hazelton Group and many contained deposits such as some of those in the Stewart area). With such a short time range a growth curve cannot be drawn (*cf.* Oliver 1982).

Interpretation of data from the Intermontane Belt is complicated by the abundance of vein and/or porphyry related mineralization associated with post-accretionary intrusions of Cretaceous to Tertiary age. The case history for the Alice Arm - Stewart - Iskut River area (Section 6.1), shows that this lead is distinctly different from the pre-accretionary ore lead associated with paragenetic deposits in the Kutcho and Hazelton volcanics. Average data for galena lead from the Triassic Kutcho deposit (K), the Jurassic Alice Arm to Iskut deposits (A), and the deposits associated with Cretaceous to Tertiary intrusives (B) are in Table 3.4. These averages are plotted on Figure 6.1.

The Cascade Belt contains various terranes with affinity to those of the North Cascade Mountains, Washington. These terranes range in age from Devonian - Permian to Jurassic - Cretaceous, and are dominated by island arc volcanic units, along with oceanic crust and clastic units. Data from the Cascade Belt has not been analysed in detail. Interpretations are in progress of galena lead data from the Bridge River area (Leitch *et al.* in preparation), and from volcanogenic deposits in the Gambier and Harrison Lake Groups, (Reddy and Godwin, in preparation).

3.4.3. OMINECA (O), FORELAND (F) AND SELWYN (S) BELTS

Examination of galena lead from deposits in the Omineca (O), Foreland (F) and Selwyn (S) Belts has been a recent focus of research. The models explained below can be used to interpret most lead data from mineral deposits in these belts.

The shale curve, defined by Godwin and Sinclair (1981, 1982) is an empirical fit to data from stratiform deposits in British Columbia and the Yukon Territory with closely known ages. Major deposits used in the shale curve model included the Middle Proterozoic Sullivan deposit, the Early Cambrian Anvil district deposits, the Silurian

Table 3.4.

Average galena lead isotope data for key deposits of different ages and types in the Intermontane (N) Belt. $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ data are plotted on Figure 6.1.

Deposit Area, Type and Examples	$^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$	$^{207}Pb/^{206}Pb$	$^{208}Pb/^{206}Pb$
Alice Arm - Iskut River (group A in Section 6.2, and point A on Figure 6.1). Paragenetic deposits, hosted by the Jurassic Hazelton Group volcanics (Alldrick et al. 1987; Devlin 1987), include Johnny Mountain, Premier, and Dolly Varden deposits. (Lead from the Toodoggone epithermal gold veins plots close to these points, confirming their Jurassic age (Gabites et al. 1988)).	18.818	15.611	38.437	0.82958	2.0426
Alice Arm - Iskut River (group B in Section 6.2, and point B on Figure 6.1). Veins associated with Cretaceous - Tertiary plutons include Indian and Jarvis deposits (Alldrick et al. 1987).	19.148	15.622	38.629	0.81432	2.0174
Kutcho Creek (point K on Figure 6.1). The volcanogenic Kutcho Creek deposit hosted by the Triassic Kutcho Creek Formation (Bridge and Maar 1987, Panteleyev and Pearson 1975, Thorstad and Gabrielse 1986).	18.449	15.529	37.919	0.84173	2.0553

Table 3.5

Growth curve lead isotope data for the shale curve. SH = curve of Godwin and Sinclair (1982: $\mu_3 = 12.16$, $\omega_3 = 49.09$ ($\kappa_3 = 4.04$), and $T_1 = 1.887$ billion years). PR = pericratonic (modified shale) curve of Goutier (1986: $\mu_4 = 12.16$, $\omega_4 = 45.35$ ($\kappa_4 = 3.73$), and $T_4 = 2.0$ billion years). Curves marked SH--applicable to the Omineca (O), Foreland (F), and Selwyn (S) Belts--are plotted in Figures 3.1, 3.2 and 6.1 for the most commonly interpreted lead isotope ratios ($^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$). Data were calculated using PROG1.BAS (Appendix 2).

Age	Time[1] to base Ga	Cur-ve	$^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$	$^{207}Pb/^{206}Pb$	$^{208}Pb/^{206}Pb$
Present	0.0	SH	19.526	15.723	39.630	0.80525	2.0398
	0.0	PR	19.582	15.736	39.515	0.80358	2.0179
Tertiary (R)	0.07	SH	19.394	15.717	39.660	0.81043	2.0450
	0.07	PR	19.450	15.730	39.358	0.80874	2.0236
Cretaceous (K)	0.14	SH	19.259	15.710	39.489	0.81573	2.0504
	0.14	PR	19.315	15.723	39.200	0.81401	2.0295
Jurassic (J)	0.21	SH	19.123	15.703	39.317	0.82114	2.0560
	0.21	PR	19.180	15.716	39.042	0.81939	2.0356
Triassic (T)	0.25	SH	19.045	15.699	39.219	0.82428	2.0592
	0.25	PR	19.102	15.711	38.951	0.82252	2.0391
Permian (P)	0.29	SH	18.967	15.694	39.120	0.82747	2.0626
	0.29	PR	19.023	15.707	38.860	0.82568	2.0428
Carboniferous (B)	0.36	SH	18.828	15.686	38.948	0.83312	2.0688
	0.36	PR	18.884	15.699	38.701	0.83131	2.0494
Devonian (D)	0.41	SH	18.728	15.680	38.824	0.83724	2.0731
	0.41	PR	18.784	15.692	38.586	0.83541	2.0542
Silurian (S)	0.44	SH	18.667	15.676	38.749	0.83974	2.0758
	0.44	PR	18.723	15.688	38.517	0.83790	2.0572
Ordovician (O)	0.51	SH	18.525	15.666	38.575	0.84570	2.0824
	0.51	PR	18.581	15.679	38.357	0.84378	2.0643
Cambrian (C)	0.57	SH	18.402	15.657	38.426	0.85083	2.0881
	0.57	PR	18.458	15.670	38.218	0.84892	2.0705
	0.70	SH	18.132	15.636	38.100	0.86236	2.1013
	0.70	PR	18.188	15.649	37.917	0.86039	2.0848
Late Proterozoic (Z)	0.90	SH	17.704	15.598	37.505	0.88101	2.1235
	0.90	PR	17.761	15.610	37.451	0.87893	2.1087
	1.10	SH	17.263	15.551	37.084	0.90083	2.1481
	1.10	PR	17.320	15.564	36.979	0.89860	2.1351
	1.30	SH	16.809	15.494	36.569	0.92177	2.1755
	1.30	PR	16.865	15.507	36.503	0.91948	2.1644
	1.50	SH	16.341	15.425	36.048	0.94399	2.2061
	1.50	PR	16.397	15.348	36.022	0.94153	2.1969
Middle Proterozoic (Y)	1.60	SH	16.101	15.385	35.786	0.95557	2.2227
	1.60	PR	16.157	15.398	35.780	0.95303	2.2146
Start SH	1.887	SH	15.391	15.246	35.026	0.99058	2.2757
Start PR	2.00	PR	15.159	15.192	34.799	1.0022	2.2958

1. Time boundaries from DNAG Geologic Time Scale (Palmer 1983). Ga = billion years.

Howards Pass deposits, the Devonian Mac Pass deposits, and the Devono -Early Carboniferous Gataga - Akie deposits. This shale curve can be used to date many deposits either in shale basin environments or in adjacent carbonate platforms. Some deposits that were subsequently metamorphosed apparently also can be dated (*e.g.* the Cottonbelt deposit in southeastern British Columbia is Early Cambrian according to Höy and Godwin (in press)). Dating using this curve is attractive because many deposits in shale and carbonate environments can be difficult to date by either paleontological or other isotopic means.

The shale curve is a reference curve for the growth of lead in upper continental and upper crustal environments in the Canadian Cordillera. Goutier (1986; *cf.* Godwin and Sinclair 1981) has shown that a slight modification of the curve is more appropriate for the interpretation of galena lead isotopes in at least the Adams Plateau area of the Omineca Belt. We have called the modified curve the Pericratonic Curve (Logan *et al.* 1988). Lead isotope ratios *versus* age for both these curves are in Table 3.5. The shale curve of Godwin and Sinclair (1982) is plotted in Figures 3.1 and 3.2.

The Bluebell curve and mixing line isochrons for the Omineca Belt were defined by Andrew *et al.* (1984). The Bluebell curve was calculated by fitting a two-stage curve from the primary growth curve of Stacey and Kramers (curves HH1 in Table 3.1, and SK in Table 3.2; *see* Figure 3.1) at 3.77 billion years to a single datum for Bluebell lead at Cambrian time. The Bluebell data plot markedly below the shale curve in a position that is very anomalous for lead isotopes in the Canadian Cordillera. (*See* also work by Changkakoti *et al.* in press, and Logan *et al.* 1988). A mixing line isochron interpretation is possible for some galena lead data that fall along linear arrays that connect the Bluebell curve to the shale curve at points of equal age. In particular, lead data from the Slocan deposits, which are genetically related to the Nelson batholith (LeCouteur 1973), are interpretable with mixing line isochrons (Andrew *et al.* 1984).

Table 3.6

Growth curve lead isotope data for the Bluebell curve (BB) of Andrew *et al.* (1984: $m_2'' = 9.23$, $\omega_2'' = 38.95$ ($\kappa_2'' = 4.22$), and $T_1 = 3.77$ billion years). The curves, plotted in Figures 3.1, 3.2 and 6.1 for the most commonly interpreted lead isotope ratios ($^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$), are mainly applicable to the Omineca (O), Foreland (F), and Selwyn (S) Belts. Data were calculated using PROG1.BAS (Appendix 2).

Age	Time[1] to base Ga	Curve	$^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$	$^{207}Pb/^{206}Pb$	$^{208}Pb/^{206}Pb$
Present	0.0	BB	18.347	15.532	39.082	0.84657	2.1302
Tertiary (R)	0.07	BB	18.246	15.527	38.948	0.85098	2.1345
Cretaceous (K)	0.14	BB	18.144	15.522	38.811	0.85548	2.1390
Jurassic (J)	0.21	BB	18.040	15.516	38.675	0.86006	2.1437
Triassic (T)	0.25	BB	17.982	15.513	38.597	0.86271	2.1465
Permian (P)	0.29	BB	17.922	15.510	38.519	0.86539	2.1492
Carboniferous (B)	0.36	BB	17.817	15.503	38.382	0.87016	2.1543
Devonian (D)	0.41	BB	17.741	15.499	38.284	0.87361	2.1580
Silurian (S)	0.44	BB	17.695	15.496	38.225	0.87571	2.1602
Ordovician (O)	0.51	BB	17.587	15.488	38.087	0.88066	2.1656
Cambrian (C)	0.57	BB	17.494	15.481	37.968	0.88493	2.1703
	0.70	BB	17.288	15.465	37.709	0.89457	2.1812
Late Proterozoic (Z)	0.90	BB	16.964	15.436	37.308	0.90995	2.1993
	1.10	BB	16.630	15.401	36.903	0.92613	2.2191
	1.30	BB	16.285	15.358	36.494	0.94310	2.2410
	1.50	BB	15.929	15.306	36.081	0.96088	2.2652
Middle Proterozoic (Y)	1.60	BB	15.747	15.275	35.873	0.97006	2.2782
	2.00	BB	14.989	15.119	35.031	1.0087	2.2370
Early Proterozoic (X)	2.50	BB	13.974	14.814	33.954	1.0601	2.4297
Late Archean (W)	3.00	BB	12.877	14.314	32.850	1.1116	2.5510
Middle Archean (V)	3.40	BB	11.936	13.694	31.946	1.1473	2.6765
Start	3.77	BB	11.012	12.856	31.095	1.1675	2.8237

1. Time boundaries from DNAG Geologic Time Scale (Palmer 1983). Ga = billion years.

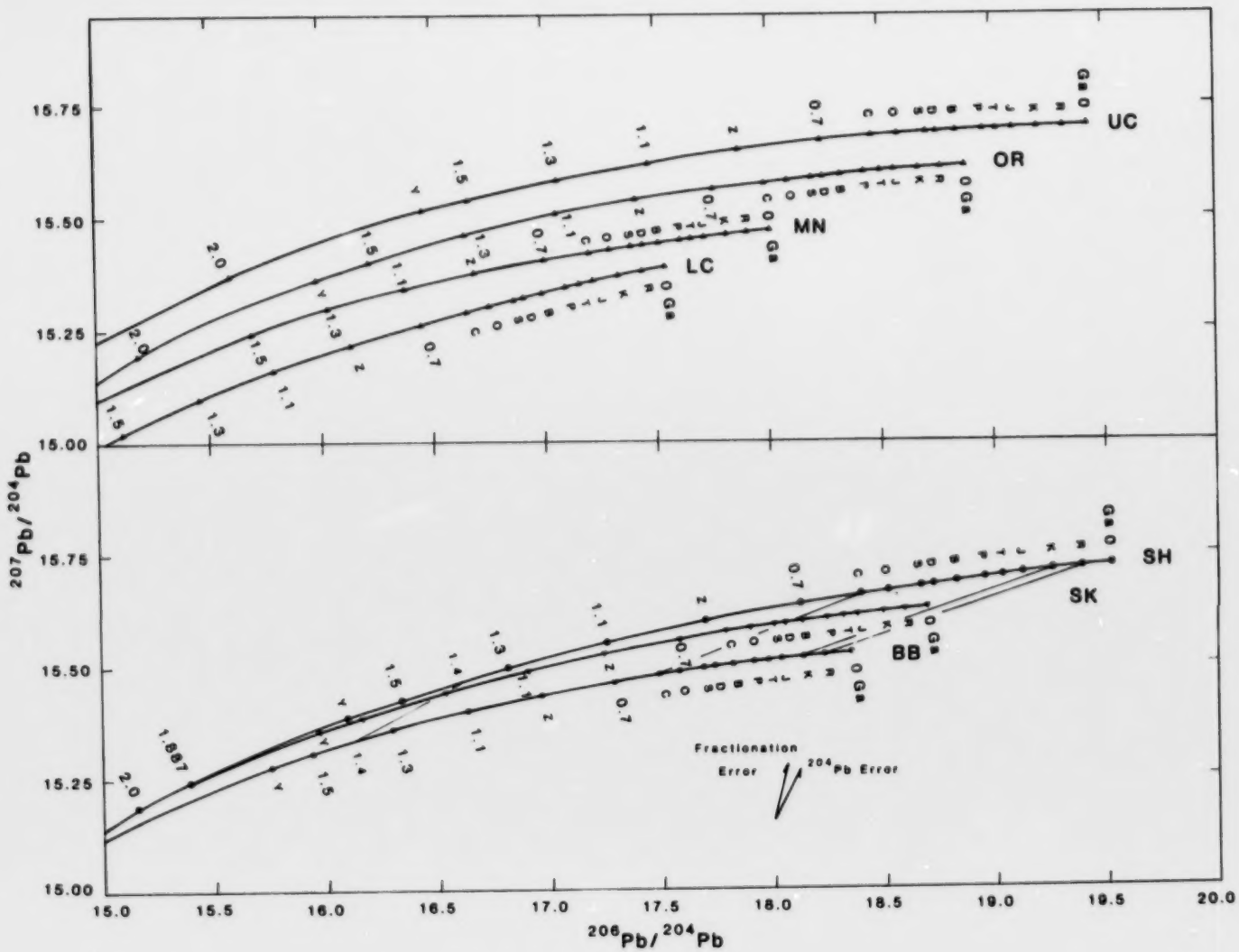


Figure 3.2. (A) Lead evolution curves for the model of Doe and Zartman. Data are in Table 3.3. The curves are: MN = mantle, LC = lower crust, UC = upper crust, OR = orogene. Letter codes for time intervals are as in Table 5.2. Ages are in billions of years. Only the most commonly interpreted plots ($^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$) are given.

(B) Lead isotope growth curves applicable to the Canadian Cordillera--Shale curve (SH) and Bluebell curve (BB)--and curve for the model of Stacey and Kramers (SK). Data are in Tables 3.5, 3.6, and 3.2, respectively. Letter codes for time intervals are as in Table 5.3. Ages are in billions of years. Mixing lines are shown at 0.07 (R), 0.14 (K), 0.57 (C), and 1.43 billion years.

The Bluebell curve may represent evolution of lead in a lower crustal environment. The mixing line for the Slocan data apparently represents the assimilation of upper crustal lead, represented by data lying on the shale curve, into lower crustal lead brought upward by magmatic activity. Other mixing lines between the shale curve and the Bluebell curve are known. For examples Andrew *et al.* (1984; *cf.* Andrew 1982) noted mixing lines for data from Moyie intrusion-related vein deposits, and Dawson *et al.* (1985) described a Tertiary mixing line for data from silver rich deposits in north-central British Columbia and adjacent Yukon Territory (*i.e.* the Midway, or Silver Creek, and related deposits).

Mixing lines of the type described here provide a method for dating both epigenetic and syngenetic or penecontemporaneous mineralization in the Omineca Belt.
Equation 7 (Section 2.2.3), however, cannot be used to calculate ages (T_1 and T_2) from the slope (M) of any given mixing line because these mixing lines connect growth curves that start at different initial ages, rather than being isochrons belonging to one family of growth curves. Application of mixing lines in interpretation of galena data is assisted by having local geological knowledge that identifies potential source reservoirs.

Lead isotope data for the Bluebell curve are in Table 3.6. Mixing lines between the shale and the Bluebell curve can be drawn as magmatic episodes are identified. Figure 3.2 shows the Bluebell curve and mixing lines at 1.43, 0.57 (C), 0.14 (K) and 0.07 (R) billion years.

Markedly radiogenic lead in galena is common (referred to in other papers as J-type anomalous lead after Houtermans 1946; *see* Section 3.1). Data that plot as linear arrays beyond the end of the shale curve ($^{206}Pb/^{204}Pb$ ratios greater than 19.53) are indisputably of this type. Data with $^{206}Pb/^{204}Pb$ ratios less than 19.53 that plot between the curves already described can be difficult to assess unless data from a number of related deposits plot along a straight line. Such a line may represent either mixing (evolution in a single stage but in a multitude of different U-Th environments) or multistage evolution. If it represents mixing, then the slope yields pairs of ages from Equation 7 (Section 2.2.4). Geologic information is required to get a unique solution for source age (T_1) and age of mineralization (T_2). Circumstances, however, are seldom ideal, and these lines probably more generally represent a complex mixing model. Lead-bearing fluids passing through older rocks in which significant amounts of the radiogenic isotopes have been produced, can leach radiogenic lead preferentially over common lead (Russell and Farquhar 1960). For example, hydrothermal ore-forming solutions travelling through sandstone aquifers would selectively collect lead generated from uranium and thorium rich zircons. Lead loss from zircons is recognized in the dating of zircons by the uranium-lead method (Faure 1977), and is facilitated by damage to the crystal structure of the zircon by the radiactive decay of contained uranium and thorium. Zircons are resistant to erosion and become concentrated in sandstone. Furthermore, because they can have discrete sources that are not representative of the bulk source of either the fluids or the sandstone, they can add lead of different isotopic signatures to the original hydrothermal ore fluid. Consequently, age estimates from Equation 7 can be erroneous.

Linear arrays of markedly radiogenic lead analyses on $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plots are known for lead isotope data from carbonate hosted lead-zinc deposits in the Mississippi valley (Heyl *et al.* 1974; Vaasjoki and Gulson 1986). Data from some carbonate hosted deposits of Devonian - Early Carboniferous age in the Canadian Cordillera fall on this type of line (*see* Sections 6.4 and 6.5 for examples). Similar arrays are known for data from some Cretaceous - Tertiary intrusion-generated silver rich vein deposits (*see* Section 2.3; examples are in Section 6.3). Recognition of markedly radiogenic lines related to data from suites of deposits (especially carbonate hosted and vein deposits) allows dating of other deposits with ratios that plot along the empirically defined lines, and suggests genetic links based on origin and history of their formational hydrothermal solutions. Equations for two known lines (Godwin *et al.* 1982; *cf.* Morrow and Cumming 1982), are:
(1) for the Devonian - Early Carboniferous carbonate-hosted deposits, labelled "YOUNG CARBONATE" in Figure 6.1, starts near the point for Devonian lead on the shale curve, and is:

$$^{207}Pb/^{204}Pb = (0.10772 * ^{206}Pb/^{204}Pb) + 13.650$$

and (2) for the Cretaceous-Tertiary silver veins, labelled "SILVER" in Figure 6.1, starts near the lead values for veins at Keno Hill and Galena Hill and is:

$$^{207}Pb/^{204}Pb = (0.10743 * ^{206}Pb/^{204}Pb) + 13.618$$

See Chapter 6 for examples of applications.

CHAPTER 4

ANALYTICAL TECHNIQUES, INTERCOMPARISONS AND ERRORS

4.1. INTRODUCTION

This chapter describes generally how galena lead isotope ratios are measured, and what errors can be expected. Since techniques vary (*see* Gulson 1986 for a more complete treatment), those used by our research group are described in the following Sections. Our techniques are based on those in use at the University of Alberta.

4.2. SAMPLE PREPARATION

Current analytical techniques for galena require only very small amounts of lead, so preparation of samples from most ore deposits is simple. Clean cubes of galena, handpicked under a binocular microscope, are placed in a small beaker for dissolution. Dusty samples are rinsed in ultrapure water, to minimize contamination from other lead-bearing sources. The amount of galena required is two milligrams, approximately the smallest cube recognizeable as such by naked eye (smaller than a pin-head!).

Clean separates of other sulphides are prepared in a similar manner; however, the required sample weight is greater. Chemical dissolution and lead separation from pyrite, sphalerite, *etc.* is described in Gulson (1986).

4.3.CHEMISTRY FOR GALENA

4.3.1. SAMPLE TREATMENT

Analysis of galena lead isotopes at The University of British Columbia is carried out by mass spectrometry using the silica gel-phosphoric acid method of Cameron *et al.* (1969). The chemical preparation is as follows:

(1) Pure galena is obtained by careful picking of grains.

(2) Lead chloride is obtained by dissolving two milligrams of galena in high purity 2-normal hydrochloric acid and evaporating to dryness. Lead chloride crystals so formed are then cleaned by washing the crystals several times in high purity 4-normal hydrochloric acid. The cleaned lead chloride crystals are then redissolved in ultrapure water.

(3) One microgram of lead in the lead chloride solution is loaded with phosphoric acid and silica gel onto a cleaned, single, rhenium filament. This loaded filament is ready for analysis in the mass spectrometer (Section 4.4).

4.3.2. REAGENTS AND CLEANING

The use of lead-free reagents is important, to minimize sample contamination. The reagents and equipment used in the lead isotope laboratory are treated as follows:

(1) Water is distilled in a fused quartz glass still.

(2) Reagent grade hydrochloric acid is distilled in a fused quartz glass still. The 6.2-normal effluent of this still is diluted to 2-normal and 4-normal with quartz- distilled water.

(3) Ultrapure (two-bottle) water, and hydrochloric and nitric acids for cleaning mass spectrometer filaments are obtained by re-distilling quartz distilled reagents in a two-bottle sub-boiling teflon still. The acids are diluted to 2-normal and 1-normal respectively, with two-bottle water.

(4) 1-normal phosphoric acid, made from reagent grade phosphorus pentoxide, is purified by passing it through two ion exchange columns. The solution is saturated with fumed silica gel for use in loading mass spectrometer filaments.

(5) The small glass beakers used for sample dissolution are stored in 6-normal hydrochloric acid after washing, and rinsed in quartz water before use.

(6) Rhenium filaments for the mass spectrometer are boiled in two-bottle 2-normal hydrochloric acid, then in two-bottle water, and dried under an infrared lamp in a laminar flow clean air hood. Immediately before use they are spot-welded onto the posts of filament beads, and are rinsed with two-bottle 1-normal nitric acid and two-bottle water.

4.4. MASS SPECTROMETRY

A mass spectrometer is an instrument that separates charged atoms and molecules by mass, according to their motions in electrical and/or magnetic

fields (Faure 1977). Thus it separates isotopes and allows their relative abundances to be measured. The instrument in use in the Geochronology Laboratory at The University of British Columbia is a Vacuum Generators Ltd Isomass 54R solid source mass spectrometer interfaced with a Hewlett Packard-85 computer.

A filament with the lead sample loaded using phosphoric acid and silica gel (*cf.* Cameron *et al.* 1969) is heated to 1,150 degrees Centigrade (measured by optical pyrometer) in high vacuum by passing a current through it so that ions of the isotopes are "boiled off". The phosphoric acid - silica gel is a magic elixer that enhances ion production ("sticks" the atoms to the filament at any given temperature) and causes lead to be emitted relatively slowly and constantly, and with a uniform degree of fractionation. The ions escaping the filament are accelerated by the electrostatic field in the mass spectrometer source, and separated by a magnetic field into different mass beams. The ions with heavier masses are less deflected along a curved path than those with lighter masses. Beams of specific isotopes are aimed into a detector (the Faraday cup) by varying the magnetic field. The Faraday cup collects the charge from the ion beam. The magnitude of this charge is measured electronically. By rapid intercomparison of pairs of ion beams the abundance ratio for each isotope pair is measured.

Absolute abundances of each isotope are not measured by the mass spectrometer. It is only possible to measure ratios, namely: $^{207}Pb/^{206}Pb$, $^{208}Pb/^{206}Pb$, and $^{204}Pb/^{207}Pb$. Each ratio is measured at least five times per data block. A minimum of six blocks of data are taken for each sample load. At the end of each run the computer converts the raw data to the raw ratios of $^{206}Pb/^{204}Pb$, $^{207}Pb/^{204}Pb$, and $^{208}Pb/^{204}Pb$. Reported results represent the normalized means of the calculated ratios. Within-run precision, expressed as a percentage standard deviation, is usually better than 0.01 percent. The absolute variation observed in duplicate analyses is generally less than 0.10 percent.

4.5. NORMALIZATION

Measured, raw ratios are instrument dependent and are fractionated in all cases. Fractionation results from the tendency for the lighter isotopes to be "boiled off" the filament more easily then the heavier isotopes during heating of the sample. Consistent, precise, procedures are required, such as running all samples with the same amount of lead at the same temperature, to avoid erratic fractionation.

Raw data cannot be directly related to results from another laboratory. To overcome this problem all analyses of unknowns are normalized to a standard with carefully analysed absolute values. Fractionation is monitored by repeated measurements of a standard such as the Broken Hill standard (BHS-UBC1), and by duplicate analyses of samples. This allows normalization for constant fractionation and evaluation of the uncertainty of the fractionation error. At The University of British Columbia, a running average of about 30 analyses of BHS-UBC1 is used to calculate the laboratory average isotopic ratios for BHS-UBC1. Mass fractionation correction factors are determined, to adjust these ratios to the absolute values for BHS-UBC1 established by Richards (1981; Table 5.1). These factors are then used to normalize the raw isotopic ratios of all analyses. Table 5.1 shows values adopted by our laboratory and by other authors for the Broken Hill standard BHS1. Conversion factors are listed; these must be applied to the data from other laboratories, if they are to be compared precisely with our current measurements.

4.6. ERRORS IN MASS SPECTROMETRY

Three errors in mass spectrometric measurement of lead isotopes are: run instability, ^{204}Pb-error, and fractionation error. The trends and magnitude of these errors are usually shown on data plots so that trends in data can be assessed as being real or due to analytical problems. Analytical errors are monitored by repeated measurement of a standard such as BHS-UBC1, and by duplicate analyses of samples.

4.6.1. RUN INSTABILITY

Run instability is estimated by the within-run error, which is quoted with the ratios in the data of Table 5.6. This error reflects the inherent electronic instability within the mass spectrometer, plus the variability of ion emission during the analysis.

4.6.2. ^{204}PB-ERROR

^{204}Pb-error is due to the small quantity of ^{204}Pb in the total lead being analysed (commonly about one percent of the lead in a sample), resulting in measurement of this isotope being less precise than measurements of the other, more abundant, lead isotopes. ^{204}Pb-error spreads data along the line from the data to the origin on $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$, and $^{208}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plots (*see* Figure 3.2).

^{204}Pb error effects are seen among values for blocks within each mass spectrometry run.

The effect of this error can be circumvented by using plots that do not involve ^{204}Pb, such as $^{208}Pb/^{206}Pb$ *versus* $^{207}Pb/^{206}Pb$ plots (*cf.* Gulson 1986). However, most age calculations are normally done with equations involving ^{204}Pb, in which case this error is relevant.

4.6.3. FRACTIONATION ERROR

The degree of fractionation is dependent on factors such as filament temperature, amount of lead and silica gel loaded onto the filament, and probably contaminants (such as silver) in the loaded lead. Accordingly, fractionation can vary from run to run for a variety of reasons. Fractionation error arises from these variations in the actual fractionation for any run, after the normalization factor has been applied to correct for assumed constant fractionation. Fractionation errors are seen between results from successive mass spectrometer runs.

Fractionated data lie along a linear trend that has a slope approximately proportional to the mass differences between the isotopes used to calculate ratios. Thus, on the standard $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plot, such as Figure 3.2, the slope of fractionation is $M = 3Y/2X$ (Richards 1981). For example, the slope at data point $X = ^{206}Pb/^{204}Pb = 19.100$ and $Y = ^{207}Pb/^{204}Pb = 15.887$ is $M = (3 * 15.887)/(2 * 19.10) = 1.007$.

CHAPTER 5

GALENA LEAD ISOTOPE DATA FOR THE CANADIAN CORDILLERA

5.1. SOURCE OF DATA, QUALITY AND NORMALIZATION

Data included in Tables 5.5 and 5.6 have been gathered from different sources, the oldest of which are from the 1960's. Published data are referenced under "Sample Source". A list of most contributors of samples forms Appendix 1.

Each laboratory uses different values for isotope ratios for the Broken Hill lead standard, and may change those values from time to time as more precise absolute values are measured. In order to compare data from different sources, analyses must all be adjusted to the same values for the standard. Our laboratory currently normalizes to values of BHS-UBC1 given in Richards *et al.* (1981; *see* Table 5.1). The values used by B. Ryan (Table 5.1) are "Spike A" from Cooper *et al.* (1969). They are similar to the current ones (Table 5.1: J. Gabites, F. Goutier, C. Leitch), generally only requiring adjustment in the last figure of the $^{208}Pb/^{204}Pb$ ratios, which is generally not significant. The shale and Bluebell curves (Section 3.4.3) were calculated using Ryan's normalization. It is appropriate to bring old analyses to match the new, higher precision ones. Table 5.1 gives all available relevant values for BHS-1, as recorded in the literature. Some laboratories use the National Bureau of Standards sample NBS SRM-1 as their standard; a comparison between that and BHS-1 (from Cooper *et al.* 1969) is also in Table 5.1.

A distinction has been made in the data tables between old data and new data, based partly on what value of BHS was used for normalization. The new data is that generated since 1984, by J.E. Gabites and several graduate students, and normalized to currently accepted absolute values for BHS UBC-1. The quality of all old data tabulated here is unknown or suspect, because of the chemical techniques and equipment used prior to the mid-1970's. The exceptions are analyses by P. LeCouteur and A. Andrew. LeCouteur was very careful with his chemistry, and used a gas source mass spectrometry technique that reduces fractionation error. Andrew ran her analyses (during 1980-1984) on the same mass spectrometer that is used for current analyses. Her data is included in the old category because she used a previous absolute value for BHS.

The old data can be useful after renormalization, for noting trends and general patterns in an area. However, more detailed study should be based on new, high precision analyses only.

5.2. STRUCTURE OF DBASEIII FILE

The dBaseIII file for galena lead isotope data contains fields for sample number, deposit name, sample source (contributor), location, host formation and lithology, age, deposit type, tectonic element, comments, and all analytical information (Table 5.2). The order of these fields within each record is given by the numbers in parentheses on the Acquisition Form (Table 5.2). The codes used in the laboratory and in the computer file are in Table 5.3.

5.3. STRUCTURE OF LEADTABLE

Table 5.4 provides a listing of all deposits from which samples have been analysed. It is organized alphabetically by deposit name within map sheets (listed by shortened National Topographic Survey code (NTS)). For cross-referencing, it contains the deposit number and tectonic element for each deposit.

Table 5.5 gives full tectonic and lithologic information, listed by deposit and sample number. This table is split into tectonic elements as follows (*cf.* Monger and Berg 1984; Wheeler and Gabrielse 1987, written communication):

Table 5.5I	Insular Belt
Table 5.5C	Cascade Belt
Table 5.5N	Intermontane Belt
Table 5.5OW	Omineca (Pericratonic) West Belt
Table 5.5OE	Omineca East Belt
Table 5.5ON	Omineca North (Cassiar - Pelly) Belt
Table 5.5S	Selwyn Basin
Table 5.5F	Foreland Belt

Table 5.6 contains full data and analytical information. It is split into tectonic elements in the same way as is Table 5.5. Within each belt, data are organized alphabetically by deposit name.

Rapid identification of data source and reliability is given in the first column of Tables 5.5 and 5.6, where: c = current normalization, and o = other normalizations and variable reliability (*see* Table 5.1 for values of normalization specific to the analyst, who is also listed in the tables).

Table 5.1

Accepted isotope ratios for Broken Hill standard (BHS), National Bureau of Standards standard (NBS SRM-1), and Captain's Flat standard (CFS), with factors for laboratory intercomparisons. Multiplication by the appropriate intercomparison factor normalizes data to Richards *et al.* (1981), so that they are consistent with current data generated by J.E. Gabites.

Analyst[1]	Std Value[2]	Isotope Ratios $^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$	Intercomparison Factors $^{206}Pb/^{204}Pb$	$^{207}Pb/^{204}Pb$	$^{208}Pb/^{204}Pb$
Current: J Gabites, F Goutier, C Leitch	1	16.004	15.390	35.651	1.00000	1.00000	1.00000
A Andrew	3A	16.003	15.389	35.657	1.00006	1.00007	0.99983
J Brown	7?[3]	16.058	15.482	35.780	0.99651	0.99406	0.99640
G Cumming[4]	2	16.116	15.542	36.068	0.99305	0.99022	0.98844
G Cumming[5]	3	16.003	15.390	35.660	1.00006	1.00000	0.99975
I Duncan	3	16.003	15.390	35.660	1.00006	1.00000	0.99975
E Kanasewich	6-CFS	18.166	15.765	38.573			
	6-BHS	16.116	15.542	36.068	0.99305	0.99022	0.98844
Kuo & Folinsbee	3+4 (avg)	16.007	15.397	35.668	0.99981	0.99955	0.99952
P LeCouteur	4	16.007	15.397	35.675	0.99981	0.99955	0.99933
Leech & Wanless	-	no standard values given					
Long, Silverman & Kulp	-	no standard values given					
P Reynolds[6]	3	16.003	15.390	35.660	1.00006	1.00000	0.99975
B Ryan	3A	16.003	15.389	35.657	1.00006	1.00007	0.99983
A Sinclair[7]	-				0.98502	0.98231	0.97981
Russell & Farquhar[8]	7-BHS	16.058	15.482	35.780	0.99651	0.99406	0.99640
Aggarwal & Nesbitt	5-NBS	16.937	15.491	36.721	1.00006	1.00000	0.99975
J Logan (G Cumming)	5-NBS	16.937	15.491	36.721	1.00006	1.00000	0.99975
J Morganti	5-NBS	16.937	15.491	36.721	1.00006	1.00000	0.99975
Morrow & Cumming	5-NBS	16.937	15.491	36.721	1.00006	1.00000	0.99975
Cooper et al.[9]	3-BHS	16.003	15.390	35.660	1.00006	1.00000	0.99975
	3-NBS	16.937	15.491	36.721			

1. Analyst is as reported in Table 5.6.
2. Standard value used is coded:
   (1) Richards *et al.* (1981);
   (2) Ostic *et al.* (1967);
   (3) Cooper *et al.* (1969): 3 = grand average, 3A = average, spike A.
   (4) Stacey *et al.* (1969);
   (5) Catanzaro *et al.* (1968);
   (6) Ostic (1962);
   (7) Russell and Farquhar (1960).
3. No standard values are given, but most data are from Russell and Farquhar (1960).
4. Cumming and Robertson (1969).
5. Cumming and Gudgurgis (1973).
6. Reynolds and Sinclair (1971).
7. Some of Sinclair's published data are recalculated in Reynolds and Sinclair (1971).
8. Use these factors for data from Brown (1962).
9. Data from Cooper *et al.* (1969) are for comparison of the NBS and BHS standards.

TABLE 5.2. Data sheet for collection of lead isotope data at the Geochronology Laboratory, Department of Geological Sciences, The University of British Columbia, Vancouver, B.C., Canada V6T 2B4 (Phone (604)228-2804). See Table 5.3. for instructions on data entry and coding procedures.

```
**********************************************************************************
LABORATORY ENTRY ONLY                                  VIAL IS IN THE COLLECTION (_)
Form Revised: 11/10/87 JEG                             DATA ON THIS FORM HAS BEEN ENTERED
                                                       IN DBASE FOR BELT: I(_),C(_),N(_),
                                                        O(_),S(_),F(_),OTHER(_____)

LAB NUMBER (1 sampleno): __ __ __ __ __ - __ __ __ __ .. ..
MAP SYMBOL (9 mapsymbol): __ __ __          HOST CODE (12 hostcode): __ __ __
TYPE CODE (14 typecode): __                 TECTONIC CODE (16 tectcode): __ __ __
SAMPLE ACQUIRED (5 acqdate): m__ __/d__ __/y 8__
**********************************************************************************
COLLECTOR ENTRY
DEPOSIT NAME (3 depname): _____
COLLECTOR, SAMPLE NAME & NUMBER (4 samsource):_____
_____
NTS & GOVT NO (6 nts:bcmi): __ __ __/__/__ __/__:__ __-__ __ __
LATITUDE DEGREES NORTH (7 latnorth):__ __ ° __ __ ' __ __ " [(+) __ __ . __ __ ]DEG.N
LONG. DEGREES WEST (8 longwest):__ __ __ ° __ __ ' __ __ " [(+) __ __ . __ __ ]DEG.W
HOST FORMATION & LITHOLOGY (10 hostlith): _____
HOST AGE (11 hostage): _____
DEPOSIT TYPE (13 deptype): _____
TECTONIC ELEMENT (15 tectelem): _____
COMMENTS, GEOLOGIC DETAILS, REFERENCES, ETC. (33 comments):_____
_____
_____
_____
_____
_____
_____
_____
**********************************************************************************
LABORATORY ENTRY
RUN NO (21 runno): 1 OR __
ANALYST (17 analyst):_____ ANALYSTS CODE (18 anlystcode): __ __ __
MATERIAL ANALYSED (19 materanal): __ __
RUNDATE:NORM DATE (20 rundate): m__ __/d__ __/y 8__:m__ __/d__ __/y 8__
RUN QUALITY:TEMPERATURE:BLOCKS (22 runqual): __ __ __ __:__ __ __ __:__ __
PB206/204 NORMALIZED (23 pb206_4): __ __.__ __ __
          PRECISION: 0.0__ __ ABSOLUTE      (24 pb206_4pcerr) 0.__ __ %
PB207/204 NORMALIZED (25 pb207_4): __ __.__ __ __
          PRECISION: 0.0__ __ ABSOLUTE      (26 pb207_4pcerr) 0.__ __ %
PB208/204 NORMALIZED (27 pb208_4): __ __.__ __ __
          PRECISION: 0.0__ __ ABSOLUTE      (28 pb208_4pcerr) 0.__ __ %
PB207/206 NORMALIZED (29 pb207_6): __.__ __ __ __
          PRECISION: 0.00__ __ __ ABSOLUTE  (30 pb207_6pcerr) 0.__ __ %
PB208/206 NORMALIZED (31 pb208_6): __.__ __ __
          PRECISION: 0.00__ __ ABSOLUTE     (32 pb208_6pcerr) 0.__ __ %
COMMENT (33 comments): _____
**********************************************************************************
RUN NO (21 runno): 2 OR __
ANALYST (17 analyst):_____ ANALYSTS CODE (18 anlystcode): __ __ __
MATERIAL ANALALYSED (19 materanal): __ __
RUNDATE:NORM DATE (20 rundate): m__ __/d__ __/y 8__:m__ __/d__ __/y 8__
RUN QUALITY:TEMPERATURE:BLOCKS (22 runqual): __ __ __ __:__ __ __ __:__ __
PB206/204 NORMALIZED (23 pb206_4): __ __.__ __ __
          PRECISION: 0.0__ __ ABSOLUTE      (24 pb206_4pcerr) 0.__ __ %
PB207/204 NORMALIZED (25 pb207_4): __ __.__ __ __
          PRECISION: 0.0__ __ ABSOLUTE      (26 pb207_4pcerr) 0.__ __ %
PB208/204 NORMALIZED (27 pb208_4): __ __.__ __ __
          PRECISION: 0.0__ __ ABSOLUTE      (28 pb208_4pcerr) 0.__ __ %
PB207/206 NORMALIZED (29 pb207_6): __.__ __ __ __
          PRECISION: 0.00__ __ __ ABSOLUTE  (30 pb207_6pcerr) 0.__ __ %
PB208/206 NORMALIZED (31 pb208_6): __.__ __ __
          PRECISION: 0.00__ __ ABSOLUTE     (32 pb208_6pcerr) 0.__ __ %
COMMENT (33 comments): _____
**********************************************************************************
```

TABLE 5.3.

Codes for LEADTABLE.

See Table 5.2 for aquisition form to be coded. Information in parentheses after the headings refers to the fields in the dBaseIII files as follows: (field number: field name, field type (c = character, n = numerical), field length). Field number and name appear on the aquisition form.

Revised: 11/10/87 JEG.

DATA STATUS CODE (002:datasource,c,001)

[Interpretation of dBase codes in parentheses: (field number = 2: field name = DATASOURCE, field type c = character, field length = 1).]

c = CURRENT NORMALIZATION FACTOR (SEE TABLE 5.1)
o = OTHER NORMALIZATION FACTOR (SEE TABLE 5.1)

****

LAB NUMBER CODING FOR UNIQUE DEPOSIT NUMBER (001:sampleno,c,011)

COLUMN 1 (MAJOR AREA CODE IN DEPOSIT NUMBER):
1XXXX-XXX = YUKON TERRITORY
2XXXX-XXX = NORTHWEST TERRITORIES
3XXXX-XXX = BRITISH COLUMBIA
4XXXX-XXX = OTHER CANADA OUTSIDE THE CORDILLERA
5XXXX-XXX = OTHER NORTH AMERICA, USA, ETC.
6XXXX-XXX = THAILAND
7XXXX-XXX = NEW ZEALAND
8XXXX-XXX = OTHER WORLD
(The last four are not included in this publication.)

COLUMNS 1 TO 5 (DEPOSIT NUMBER):
30525-XXX = UNIQUE DEPOSIT NUMBER

COLUMNS 7 TO 9 (UNIQUE SAMPLE NUMBER/ANALYSIS REFERENCE):
XXXXX-001 TO 500 = RECENT UBC GEOLOGY - GEOPHYSICS ANALYSES
XXXXX-501 TO 999 = ANALYSES OTHER THAN RECENT UBC GEOLOGY
(INCLUDES ANALYSES FROM THE LITERATURE)
XXXXX-AVG = AVERAGE OF DIFFERENT SAMPLES FROM THE SAME
DEPOSIT (SUFFIXES, BELOW, CAN BE ATTACHED)

COLUMN 10 SUFFIX (ANALYSIS FLAGS):
(NOTE: !,#,$,&,*,+,@ ARE IN ASCENDING ASCII ORDER)
XXXXX-XXX! = ANALYSES SUSPECTED TO BE POOR
XXXXX-XXX# = ANALYSES USED IN PLOTS, OFTEN AVERAGES
XXXXX-XXX$ = ANALYSES (OPEN FOR DEFINITION)
XXXXX-XXX& = ANALYSES (OPEN FOR DEFINITION)
XXXXX-XXX* = ANALYSES FLAGGED FOR SPECIAL USE SUCH AS
COMPARISONS
XXXXX-XXX+ = ANALYSES AVERAGED AND FLAGGED FOR SPECIAL USE
XXXXX-XXX@ = ANALYSES (OPEN FOR DEFINITION)
XXXXX-XXXA = AVERAGE OF REPEATS AND DUPLICATES FOR SAMPLE
(TO BE USED FOR PLOTTING AND DETERMINATION OF
AVERAGES FOR A GIVEN DEPOSIT)
XXXXX-XXXD = ANALYSIS DUPLICATE OF SAMPLE USING NEW CHEMICAL
DISSOLUTION
XXXXX-XXXR = ANALYSIS REPEATED FROM SAME CHEMICAL
DISSOLUTION OF SAMPLE

****

MAP SYMBOL (009:mapsymbol,n,003):

LAST THREE DIGITS OF THE LAB NUMBER (COLUMNS 3-5), FOR USE ON MAPS.

****

SAMPLE SOURCE: (004:samsource,c,055)
(COLLECTOR, SAMPLE NAME & NUMBER)

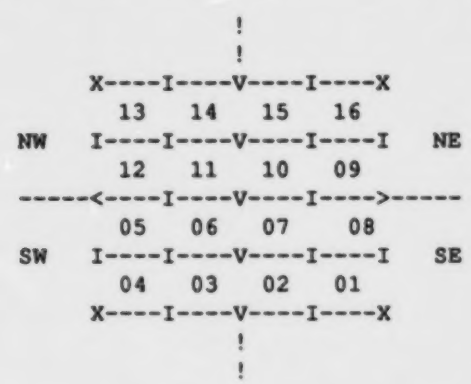
COLLECTOR'S NAME: THEIR COMPANY NAME: THEIR SAMPLE NUMBER.

****

NTS & GOVERNMENT NO (006:nts:bcmi,c,017):

ENTER NTS NUMBER TO COLON (*e.g.* 105/M/15/E:)
AFTER COLON, BUT BEFORE DASH, ENTER QUADRANT: NW, NE, SW, SE
THEN ENTER GOVERNMENT NUMBER (*e.g.* -057)
FINAL NUMBER EXAMPLE IS "105/M/15/E:NW-057"

QUADRANTS AND 1:50,000 NTS SHEETS ARE DIVIDED AS FOLLOWS:



****

HOST FORMATION AND LITHOLOGY (010:hostlith,c,050):

WRITE HOST FORMATION AND LITHOLOGY DESCRIPTIVELY, ADD DEPOSIT AGE RELATIONSHIP IF DIFFERENT. CONTINUE IN COMMENTS FIELD IF NECESSARY.

****

HOST AGE (011:hostage,c,025):
HOST CODE (012:hostcode,c,003):

CODES SHOULD BE LEFT JUSTIFIED.

CHRONOMETRIC CALIBRATION OF AGE BOUNDARIES
After Geological Society of America, Decade of North American Geology (DNAG), 1983 Geologic Time Scale (Palmer 1983); *cf.* Harland *et al.* (1982). Time is in millions of years (Ma).

ERA	AGE PERIOD/Epoch/Age	CODE	TIME TO BASE Ma
CENOZOIC		CEZ	66.4
	QUATERNARY	Q	1.6
	Holocene	HO	0.01
	Pleistocene	PS	1.6
	TERTIARY	R	66.4
	Neogene	NG	23.7
	Pliocene	PLC	5.3
	Miocene	MIC	23.7
	Paleogene	PL	66.4
	Oligocene	OLG	36.6
	Eocene	EOC	57.8
	Paleocene	PAL	66.4
MESOZOIC		MEZ	245
	CRETACEOUS	K	144
	Late Cretaceous	KL	97.5
	Maastrichtian	MAA	74.5
	Campanian	CMP	84.0
	Santonian	SAN	87.5
	Coniacian	CON	88.5
	Turonian	TUR	91
	Cenomanian	CEN	97.5
	Early Cretaceous	KE	144
	Albian	ALB	113
	Aptian	APT	119
	Barremian	BRM	124
	Hauterivian	HAU	131
	Valanginian	VLG	138
	Berriasian	BER	144
	JURASSIC	J	208
	Late Jurassic	JL	163
	Tithonian	TTH	152
	Kimmeridgian	KIM	156
	Oxfordian	OXF	163
	Middle Jurassic	JM	187
	Callovian	CLV	169
	Bathonian	BTH	176
	Bajocian	BAJ	183
	Aalenian	AAL	187
	Early Jurassic	JE	208
	Toarcian	TOA	193
	Pliensbachian	PLB	198
	Sinemurian	SIN	204
	Hettangian	HET	208
	TRIASSIC	T	245
	Late Triassic	TL	230
	Norian	NOR	225
	Carnian	CRN	230
	Middle Triassic	TM	240
	Ladinian	LAD	235
	Anisian	ANS	240
	Early Triassic	TE	245
	Scythian	SCY	245

ERA	AGE PERIOD/Epoch/Age	CODE	TIME TO BASE Ma
PALEOZOIC		PAZ	570
	PERMIAN	P	286
	Late Permian	PL	258
	Tatarian	TAT	253
	Kazanian	KAZ	(?)
	Ufimian	UFI	258
	Early Permian	PE	286
	Kungurian	KUN	263
	Artinskian	ART	268
	Sakmarian	SAK	(?)
	Asselian	ASS	286
	CARBONIFEROUS	B	360
	Late Carboniferous (Pennsylvanian)	BL	320
	Gzelian	GZL	(?)
	Kasimovian	KAS	296
	Moscovian		(?)
	Bashkirian		320
	Early Carboniferous (Mississippian)	BE	360
	Serpukhovian	SER	333
	Visean	VIS	352
	Tournaisian	TOU	360
	DEVONIAN	D	408
	Late Devonian	DL	374
	Fammenian	FAM	367
	Frasnian	FRS	374
	Middle Devonian	DM	387
	Givetian	GIV	380
	Eifelian	EIF	387
	Early Devonian	DE	408
	Emsian	EMS	394
	Siegenian	SIG	401
	Gedinnian	GED	408
	SILURIAN	S	438
	Late Silurian	SL	421
	Pridolian	PRD	414
	Ludlovian	LUD	421
	Early Silurian	SE	438
	Wenlockian	WEN	428
	Llandoverian	LLY	438
	ORDOVICIAN	O	505
	Late Ordovician	OL	458
	Ashgillian	ASH	448
	Caradocian	CRD	458
	Middle Ordovician	OM	478
	Llandeilan	LLO	468
	Llanvirnian	LLN	478
	Early Ordovician	OE	505
	Arenigian	ARG	488
	Tremadocian	TRE	505

ERA	AGE PERIOD/Epoch/Age	CODE	TIME TO BASE Ma
	CAMBRIAN	C	570
	Late Cambrian	CL	523
	Middle Cambrian	CM	540
	Early Cambrian	CE	570
PROTEROZOIC		PRZ	2,500
	LATE PROTEROZOIC (HADRYNIAN)	Z	900
	MIDDLE PROTEROZOIC (HELIKIAN)	Y	1,600
	EARLY PROTEROZOIC (APHEBIAN)	X	2,500
ARCHEAN		ARZ	3,800(?)
	LATE ARCHEAN	W	3,000
	MIDDLE ARCHEAN	V	3,400
	EARLY ARCHEAN	U	3,800(?)
UNKNOWN	UNKNOWN	?	(?)

Note: Three-letter codes accommodate the coding format of LEADTABLE.

****

DEPOSIT TYPE (013:deptype,c,025)
DEPOSIT TYPE CODE (014:TYPECODE,C,001)

WRITE DEPOSIT DESCRIPTIVELY USING TEXT OF DEPOSIT-TYPE CODE TABLE, BELOW, AS A GUIDE.

DEPOSIT TYPE	CODE
MAGMATIC, MAFIC	M
CARBONATITIC, KIMBERLITIC	T
NECK, PIPE, DIATREME, MAAR	N
PEGMATITIC	P
VEIN	V
PORPHYRY, STOCKWORK, DISSEMINATED	#
DISSEMINATED, NON GENETIC	D
SKARN (CALC-SILICATE)	S
VOLCANOGENIC	L
STRATIFORM, SEDEX, BEDDED	=
STRATABOUND, CARBONATE REPLACEMENT OR HOSTED, CONFORMABLE	B
STRATABOUND, CLASTIC REPLACEMENT OR HOSTED, CONFORMABLE	X
RESIDUAL, ELLUVIAL PLACER	R
ALLUVIAL PLACER	A
CHEMICAL PRECIPITATE, SEDIMENTARY	C
UNKNOWN, UNCLASSIFIED	?
SPECIFIC, FOR EMPHASIS ON PLOTS	*
POSSIBLY USEFUL FOR SORTING	!
RADIOGENIC (I.E. MISSISSIPPI VALLEY TYPE--NOT KNOWN TO BE PARTICULARLY SILVER RICH)	&
RADIOGENIC AND SILVER RICH	$
CONFORMABLE TO A GROWTH CURVE (LEAD ISOTOPE VALUES REFLECT AGE OF DEPOSIT BUT NOT NECESSARILY THE AGE OF HOST)	~

****

TECTONIC ELEMENT (015:tectelem,c,040):
TECTONIC CODE (016:tectcode,c,003)

WRITE TECTONIC ELEMENT DESCRIPTIVELY USING TEXT OF TECTONIC ELEMENT CODE TABLE, BELOW, AS A GUIDE.

CODE TECTONIC BELT

INSULAR BELT (INCLUDES PART OF COAST BELT)
I = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
IAX = ALEXANDER
ICG = CHUGACH
ICR = CRESCENT (METCHOSIN)
IGM = GAMBIER
IOL = OLYMPIC
IPR = PACIFIC RIM
ISJ = SAN JUAN
ITA = TRACY ARM
IWR = WRANGELLIA
I+R = TERTIARY GRANITIC
I+K = CRETACEOUS GRANITIC
I+J = JURASSIC GRANITIC

CASCADE BELT (INCLUDES PART OF COAST BELT)
C = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
CBR = BRIDGE RIVER
CMT = METHOW TYAUGHTON
CNC = NORTH CASCADE (SKAGIT, SHUKSAN, CHILLIWACK, HOZAMEEN)
CNK = NOOKSACK (HARRISON LAKE)
C+R = TERTIARY GRANITIC
C+K = CRETACEOUS GRANITIC
C+J = JURASSIC GRANITIC

INTERMONTANE BELT (INCLUDES PART OF COAST BELT)
N = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
NCC = CACHE CREEK
NQN = QUESNELLIA
NST = STIKINIA
NTK = TAKU
NYT = YUKON TANANA
N+R = TERTIARY GRANITIC
N+K = CRETACEOUS GRANITIC
N+J = JURASSIC GRANITIC

OMINECA EAST BELT
O = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
OAB = AINSWORTH BLUEBELL
OGL = GOLDSTREAM
OPA = PURCELL ANTICLINORIUM
O+R = TERTIARY GRANITIC
O+K = CRETACEOUS GRANITIC
O+J = JURASSIC GRANITIC
O+T = TRIASSIC GRANITIC

OMINECA WEST (PERICRATONIC) BELT

O = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
OAD = ADAMS PLATEAU
OBV = BARKERVILLE
OBD = BEAVERDELL
OFO = FAIRVIEW OLIVER
OGW = GREENWOOD
OKO = KOOTENAY ARC
ORS = ROSSLAND
OSL = SALMO METALLINE
OSS = SANDON SLOCAN
OSH = SHUSWAP ANARCHIST
OSM = SLIDE MOUNTAIN (FENNEL)
OYT = YUKON TANANA
O+R = TERTIARY GRANITIC
O+K = CRETACEOUS GRANITIC
O+J = JURASSIC GRANITIC
O+T = TRIASSIC GRANITIC

OMINECA NORTH (CASSIAR - PELLY) BELT

O = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
OCA = CASSIAR PELLY PLATFORM
O+R = TERTIARY GRANITIC
O+K = CRETACEOUS GRANITIC
O+J = JURASSIC GRANITIC
O+T = TRIASSIC GRANITIC

SELWYN BASIN

S = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
S+R = TERTIARY GRANITIC
S+K = CRETACEOUS GRANITIC
S+J = JURASSIC GRANITIC
S+T = TRIASSIC GRANITIC

FORELAND BELT

F = TECTONIC BELT CODE & UNDEFINED TECTONIC ELEMENT CODE
FEP = EAGLE PLAIN
FFM = FRANKLIN MOUNTAINS
FMP = MACKENZIE PLATFORM
FOM = OGILVIE MOUNTAINS
FRM = ROCKY MOUNTAINS
FWM = WERNECKE MOUNTAINS
F+R = TERTIARY GRANITIC
F+K = CRETACEOUS GRANITIC
F+J = JURASSIC GRANITIC
F+T = TRIASSIC GRANITIC

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COMMENTS, GEOLOGIC DETAILS, REFERENCES, ETC.
(033:comments,c,200) (THIS FIELD IS ENTERED INTO COMPUTER FILE BUT NOT REPORTED IN LEADTABLE)

ENTER COMMENTS BY ANALYST FIRST. PUBLISHED REFERENCES WHERE APPROPRIATE SHOULD BE IN FULL. ASSESSMENT REPORT NUMBERS AND ARCHER CATHRO INVENTORY NUMBERS SHOULD BE RECORDED AS AVAILABLE.NOTES DETAILING DEPOSIT MINERALOGY, CHARACTER, TONNAGE AND GRADE ARE IMPORTANT.

TABLE 5.4

Reference list of all deposits, *listed alphabetically by deposit name within map sheets* (shortened NTS). Shortened sample number (deposit number only) and full tectonic element provide cross references to the appropriate divisions in Tables 5.5 and 5.6.

TABLE 5.4
List of all Deposits with Tectonic Element and Deposit Number, Ordered Alphabetically Within NTS

SAMPLE NO	DEPOSIT NAME	NTS	TECTONIC ELEMENT
30940	ELKHORN	082/E/02	OMINECA: GREENWOOD
30357	PROVIDENCE	082/E/02	OMINECA: GREENWOOD
30953	DANKOE (UTICA, HORN SILVER)	082/E/04	OMINECA: FAIRVIEW OLIVER
30324	STANDARD	082/E/04	OMINECA: FAIRVIEW OLIVER
30419	BEAVERDELL (WALLACE)	082/E/06	OMINECA: BEAVERDELL
30749	BLACKSMITH	082/E/06	OMINECA: BEAVERDELL
30750	CARMI (-DUMP)	082/E/06	OMINECA: BEAVERDELL
30740	CRANBERRY (DOLLAR)	082/E/06	OMINECA: BEAVERDELL
30751	EUGENE CREEK	082/E/06	OMINECA: BEAVERDELL
30744	HIGHLAND LASS	082/E/06	OMINECA: BEAVERDELL
30745	NEW BEAVER	082/E/06	OMINECA: BEAVERDELL
30746	PUEBLO FRACTION	082/E/06	OMINECA: BEAVERDELL
30747	SALLY SHAFT	082/E/06	OMINECA: BEAVERDELL
30734	SHOWING (L3126, 2099)	082/E/06	OMINECA: BEAVERDELL
30600	JON	082/E/15	OMINECA: SHUSWAP
30670	KID CREEK	082/F/01	OMINECA: PURCELL
30661	LEADVILLE	082/F/01	OMINECA: PURCELL
30668	ALICE	082/F/02	OMINECA: PURCELL
30824	MONARCH	082/F/02	OMINECA: PURCELL
30843	SPOKANE	082/F/02	OMINECA: SALMO METALLINE
30462	ASPEN	082/F/03	OMINECA: KOOTENAY
30354	DOUBLE STANDARD	082/F/03	OMINECA: SALMO METALLINE
30639	HB MINE	082/F/03	OMINECA: SALMO METALLINE
30356	HUNTER VEIN	082/F/03	OMINECA: SALMO METALLINE
30640	JACKPOT	082/F/03	OMINECA: SALMO METALLINE
30641	JERSEY (CENTRAL A ZONE)	082/F/03	OMINECA: SALMO METALLINE
30641	JERSEY (F ZONE)	082/F/03	OMINECA: SALMO METALLINE
30641	JERSEY (NORTH A ZONE)	082/F/03	OMINECA: SALMO METALLINE
30641	JERSEY (SOUTH A ZONE)	082/F/03	OMINECA: SALMO METALLINE
30311	KOOTENAY BELLE	082/F/03	OMINECA: SALMO METALLINE
30312	QUEEN	082/F/03	OMINECA: SANDON SLOCAN
30836	RED ROCK	082/F/03	OMINECA: ROSSLAND
30448	REEVES MACDONALD	082/F/03	OMINECA: SALMO METALLINE
30449	SYLVANNA	082/F/03	OMINECA: SANDON SLOCAN
30363	WOLF LAKE	082/F/03	OMINECA: SALMO METALLINE
30376	LILY MAY EXTENSION	082/G/12	OMINECA: PURCELL
30333	CENTER STAR	082/F/06	OMINECA: ROSSLAND
30835	ELISE	082/F/06	OMINECA: ROSSLAND
30336	HUMMING BIRD	082/F/06	OMINECA: ROSSLAND
30451	YMIR	082/F/06	OMINECA: ROSSLAND
30823	LOCKHART CREEK	082/F/07	OMINECA: PURCELL
30663	MOYIE TUNGSTEN	082/F/08	OMINECA: PURCELL
30394	STORM KING	082/F/08	OMINECA: PURCELL
30818	ANDERSON	082/F/09	OMINECA: PURCELL
30819	BIRDIE LAKE (BIRDIE)	082/F/09	OMINECA: PURCELL
30395	BOY SCOUT (WARHORSE)	082/F/09	OMINECA: PURCELL
30820	DAN HOWE	082/F/09	OMINECA: PURCELL
30678	DOMINION	082/F/09	OMINECA: PURCELL
30822	LEADER (WELLINGTON)	082/F/09	OMINECA: PURCELL
30672	NORTH STAR	082/F/09	OMINECA: PURCELL
30826	PITT CREEK	082/F/09	OMINECA: PURCELL
30825	POLARIS	082/F/09	OMINECA: PURCELL
30665	POLLEN BASIN	082/F/09	OMINECA: PURCELL
30675	STEAMWINDER	082/F/09	OMINECA: PURCELL
30447	SULLIVAN	082/F/09	OMINECA: PURCELL
30447	SULLIVAN (CENTRAL ZONE)	082/F/09	OMINECA: PURCELL
30447	SULLIVAN (I ZONE)	082/F/09	OMINECA: PURCELL
30827	BLUE STAR	082/F/10	OMINECA: AINSWORTH BLUEBELL
30439	CHICAGO	082/F/10	OMINECA: PURCELL
30634	HIGHLAND	082/F/10	OMINECA: AINSWORTH BLUEBELL
30828	HIGHLANDER	082/F/10	OMINECA: AINSWORTH BLUEBELL
30829	LAKESHORE	082/F/10	OMINECA: AINSWORTH BLUEBELL
30831	NICOLET	082/F/10	OMINECA: AINSWORTH BLUEBELL
30636	NO 1	082/F/10	OMINECA: AINSWORTH BLUEBELL
30635	SILVER HOARD	082/F/10	OMINECA: AINSWORTH BLUEBELL
30625	ARLINGTON	082/F/14	OMINECA: SANDON SLOCAN
30838	BOSUN	082/F/14	OMINECA: SANDON SLOCAN
30845	CALIFORNIA	082/F/14	OMINECA: SANDON SLOCAN
30839	CHAPLEAU	082/F/14	OMINECA: SANDON SLOCAN
30846	CORK PROVINCE	082/F/14	OMINECA: SANDON SLOCAN
30847	CORONATION	082/F/14	OMINECA: SANDON SLOCAN
30849	ENTERPRISE	082/F/14	OMINECA: SANDON SLOCAN
30850	FISHER MAIDEN	082/F/14	OMINECA: SANDON SLOCAN
30370	HEWITT SILVERTON	082/F/14	OMINECA: SANDON SLOCAN
30851	INDEX	082/F/14	OMINECA: SANDON SLOCAN
30852	IVANHOE	082/F/14	OMINECA: SANDON SLOCAN
30853	KALISPELL	082/F/14	OMINECA: SANDON SLOCAN
30855	LITTLE TIM	082/F/14	OMINECA: SANDON SLOCAN
30830	MONTEZUMA	082/F/14	OMINECA: AINSWORTH BLUEBELL
30856	NOBLE 5	082/F/14	OMINECA: SANDON SLOCAN
30479	OTTAWA	082/F/14	OMINECA: SANDON SLOCAN
30842	RAINBOW	082/F/14	OMINECA: SALMO METALLINE
30860	RECO	082/F/14	OMINECA: SANDON SLOCAN
30861	RUTH HOPE	082/F/14	OMINECA: SANDON SLOCAN
30358	SCRANTON	082/F/14	OMINECA: SANDON SLOCAN
30864	SILVER LEAF	082/F/14	OMINECA: SANDON SLOCAN
30867	SILVERSMITH	082/F/14	OMINECA: SANDON SLOCAN
30862	STANDARD	082/F/14	OMINECA: SANDON SLOCAN
30465	TILLICUM MTN (LOWER HEINO)	082/F/14	INTERMONTANE: QUESNELLIA
30359	UTICA	082/F/14	OMINECA: SANDON SLOCAN
30969	VAN ROI	082/F/14	OMINECA: SANDON SLOCAN
30863	VICTOR	082/F/14	OMINECA: SANDON SLOCAN
30866	VULTURE	082/F/14	OMINECA: SANDON SLOCAN
30623	BLUEBELL (KOOTENAY CHIEF)	082/F/15	OMINECA: AINSWORTH BLUEBELL
30450	KOOTENAY FLORENCE	082/F/15	OMINECA: AINSWORTH BLUEBELL
30817	ROSE PASS	082/F/15	OMINECA: PURCELL
30833	SILVER GLANCE	082/F/15	OMINECA: AINSWORTH BLUEBELL
30832	TRIUMPH	082/F/15	OMINECA: AINSWORTH BLUEBELL
30834	UNKNOWN (LOC APPROX)	082/F/15	OMINECA: AINSWORTH BLUEBELL
30918	GREAT DANE	082/F/16	OMINECA: PURCELL
30676	VULCAN (HILO #4)	082/F/16	OMINECA: PURCELL
30666	VULCAN SILL (HILO #10)	082/F/16	OMINECA: PURCELL
30920	WELCOME AND ENTERPRISE	082/F/16	OMINECA: PURCELL
40021	SHOWING (WATERTON AREA)	082/G/01	OMINECA: PURCELL
30624	MIDWAY	082/G/04	OMINECA: PURCELL
30627	MT MAHON	082/G/04	OMINECA: PURCELL
30667	AURORA (ST EUGENE SYSTEM)	082/G/05	OMINECA: PURCELL
30665	FORS	082/G/05	OMINECA: PURCELL
30656	HOPE	082/G/05	OMINECA: PURCELL
30673	RIMROCK (B+V)	082/G/05	OMINECA: PURCELL

30481	SOCIETY GIRL (ST EUGENE SYS)	082/G/05 OMINECA: PURCELL
30362	ST EUGENE	082/G/05 OMINECA: PURCELL
30309	EMPIRE STRATHCONA	082/G/06 OMINECA: PURCELL
30674	BLACK BEAR	082/G/12 OMINECA: PURCELL
30377	JUDYLU (MAGNET)	082/G/12 OMINECA: PURCELL
30373	KOOTENAY KING	082/G/12 OMINECA: PURCELL
30376	LILY MAY EXTENSION	082/G/12 OMINECA: PURCELL
30662	LONE PINE HILL	082/G/12 OMINECA: PURCELL
30671	MARYSVILLE	082/G/12 OMINECA: PURCELL
30816	PALMYRA	082/G/12 OMINECA: PURCELL
30664	PARK	082/G/12 OMINECA: PURCELL
30660	PEDRO	082/G/12 OMINECA: PURCELL
30411	BERTHA	082/G/13 OMINECA: PURCELL
30677	ESTELLA	082/G/13 OMINECA: PURCELL
30982	SLOCAN CAMP SEDIMENTS	082/G/14 OMINECA: SANDON SLOCAN
30979	SLOCAN CAMP SEDIMENTS	082/G/14 OMINECA: SANDON SLOCAN
30407	SHAG (C-4)	082/J/12 FORELAND
30407	SHAG (PAD)	082/J/12 FORELAND
30407	SHAG (REDBED)	082/J/12 FORELAND
30654	MOONSHINE	082/K/02 OMINECA: KOOTENAY
30655	SAL A	082/K/02 OMINECA: KOOTENAY
30397	UPPER FINDLAY CREEK (LOC APPRX	082/K/02 OMINECA: PURCELL
30848	DUBLIN QUEEN (NORTHERN BELLE)	082/K/03 OMINECA: SANDON SLOCAN
30646	LUCKY JIM	082/K/03 OMINECA: SANDON SLOCAN
30657	MOLLY HUGHES	082/K/03 OMINECA: KOOTENAY
30658	PAYNE	082/K/03 OMINECA: SANDON SLOCAN
30981	SLOCAN CAMP SEDIMENTS	082/K/03 OMINECA: SANDON SLOCAN
30980	SLOCAN CAMP SEDIMENTS	082/K/03 OMINECA: SANDON SLOCAN
30649	WHITEWATER	082/K/03 OMINECA: SANDON SLOCAN
30653	DUNCAN	082/K/07 OMINECA: KOOTENAY
30375	SURPRISE	082/K/07 OMINECA: KOOTENAY
30650	MINERAL KING	082/K/08 OMINECA: KOOTENAY
30464	NIP AND TUCK	082/K/08 OMINECA: PURCELL
30658	PARADISE (PARADICE)	082/K/08 OMINECA: KOOTENAY
30917	A (LISA)	082/K/09 OMINECA: PURCELL
30652	MOLLIE MAC (MOLLY MAC)	082/K/11 OMINECA: KOOTENAY
30645	SILVER CUP	082/K/11 OMINECA: KOOTENAY
30811	YUILL TOWER	082/K/11 OMINECA: KOOTENAY
30497	TRUE FISSURE (BROADVIEW)	082/K/12 OMINECA: KOOTENAY
30368	BEATRICE	082/K/13 OMINECA: KOOTENAY
30810	CARBORNE	082/K/13 OMINECA: KOOTENAY
30812	HUNTER TRAPPER	082/K/13 OMINECA: KOOTENAY
30498	KITSAP-BUTTE	082/K/13 OMINECA: KOOTENAY
30496	MAMMOTH (SCOUT)	082/K/13 OMINECA: KOOTENAY
30310	RUBY SILVER	082/K/13 OMINECA: KOOTENAY
30499	SCOUT	082/K/13 OMINECA: KOOTENAY
30367	SPIDER	082/K/13 OMINECA: GOLDSTREAM
30651	WIGWAM	082/K/13 OMINECA: KOOTENAY
30801	SILVER QUEEN	082/K/14 OMINECA: KOOTENAY
30905	RUTH VERMONT	082/K/15 OMINECA: PURCELL
30378	BIG LEDGE	082/L/08 OMINECA: SHUSWAP
30369	COLBY	082/L/10 OMINECA: SHUSWAP
30538	FORD	082/L/13 OMINECA: ADAMS PLATEAU
30545	SILVER KING-SILVER QUEEN	082/L/14 OMINECA: ADAMS PLATEAU
30738	JORDAN RIVER	082/M/01 OMINECA: SHUSWAP
30532	FLUKE (CROWFOOT MTN)	082/M/03 OMINECA: ADAMS PLATEAU
30533	RED FIR (ORELL 1D)	082/M/03 OMINECA: ADAMS PLATEAU
30533	RED FIR (ORELL 1E)	082/M/03 OMINECA: ADAMS PLATEAU
30534	RED FIR (ORELL 2G)	082/M/03 OMINECA: ADAMS PLATEAU
30535	RED FIR (ORELL 3K)	082/M/03 OMINECA: ADAMS PLATEAU
30506	AGATE BAY	082/M/04 OMINECA: ADAMS PLATEAU
30517	ART	082/M/04 OMINECA: ADAMS PLATEAU
30522	BC (ZN 1)	082/M/04 OMINECA: ADAMS PLATEAU
30507	BECA (TOM)	082/M/04 OMINECA: ADAMS PLATEAU
30524	ELSIE	082/M/04 OMINECA: ADAMS PLATEAU
30452	GALENA CREEK	082/M/04 OMINECA: KOOTENAY
30511	HOMESTAKE (KAMAD)	082/M/04 OMINECA: ADAMS PLATEAU
30523	KING TUT	082/M/04 OMINECA: ADAMS PLATEAU
30518	LUCKY COON (PIT 1)	082/M/04 OMINECA: ADAMS PLATEAU
30525	MOSQUITO KING	082/M/04 OMINECA: ADAMS PLATEAU
30537	ORELL SP	082/M/04 OMINECA: ADAMS PLATEAU
30526	PET	082/M/04 OMINECA: ADAMS PLATEAU
30515	REA GOLD	082/M/04 OMINECA: ADAMS PLATEAU
30536	SILVER KING (ORELL 4N)	082/M/04 OMINECA: ADAMS PLATEAU
30527	SPAR (EX1, FLUORINE SHOWING)	082/M/04 OMINECA: ADAMS PLATEAU
30519	TWIN MOUNTAIN	082/M/04 OMINECA: ADAMS PLATEAU
30508	BIRK CREEK (C-C)	082/M/05 OMINECA: ADAMS PLATEAU
30509	BROKEN RIDGE	082/M/05 OMINECA: ADAMS PLATEAU
30504	ENARGITE	082/M/05 OMINECA: ADAMS PLATEAU
30513	FORTUNA	082/M/05 OMINECA: ADAMS PLATEAU
30521	JUNE KAJUN	082/M/05 OMINECA: ADAMS PLATEAU
30546	LEEMAC	082/M/05 OMINECA: ADAMS PLATEAU
30528	WHITE ROCK	082/M/05 OMINECA: ADAMS PLATEAU
30733	COTTON BELT	082/M/07 OMINECA: SHUSWAP
30478	J & L	082/M/08 OMINECA: GOLDSTREAM
30372	KEYSTONE	082/M/08 OMINECA: SHUSWAP
30444	GOLDSTREAM	082/M/09 OMINECA: GOLDSTREAM
30414	HW (LOC APPROX)	082/M/09 OMINECA: GOLDSTREAM
30371	KJ	082/M/09 OMINECA: SHUSWAP
30863	ML (LOC APPROX)	082/M/09 OMINECA: GOLDSTREAM
30737	RY (LOC APPROX)	082/M/09 OMINECA: GOLDSTREAM
30865	SL (LOC APPROX)	082/M/09 OMINECA: GOLDSTREAM
30558	CARBIDE (FISSURE CK)	082/M/10 OMINECA: MONASHEE
30505	FOGHORN	082/M/12 OMINECA: ADAMS PLATEAU
30539	MT McCLENNAN (X-CUTTING VEIN)	082/M/12 OMINECA: ADAMS PLATEAU
30548	PS-85-175	082/M/12 OMINECA: ADAMS PLATEAU
30531	RED TOP (TRENCH)	082/M/12 OMINECA: ADAMS PLATEAU
30516	REXSPAR	082/M/12 OMINECA: ADAMS PLATEAU
30547	ROUGE	082/M/12 OMINECA: ADAMS PLATEAU
30541	SUNRISE	082/M/12 OMINECA: ADAMS PLATEAU
30543	TINDALL (ADIT DUMP)	082/M/12 OMINECA: ADAMS PLATEAU
30542	VAVENBY	082/M/12 OMINECA: ADAMS PLATEAU
30374	CK	082/M/13 OMINECA: SHUSWAP
30434	RIFT	082/M/15 OMINECA: GOLDSTREAM
30738	RUDDOCK CREEK	082/M/15 OMINECA: SHUSWAP
30488	COLUMBIA A (PB-ZN)	082/N/04 OMINECA: GOLDSTREAM
30470	LANARK	082/N/04 OMINECA: GOLDSTREAM
30468	SNOWFLAKE (REGAL SILVER)	082/N/04 OMINECA: GOLDSTREAM
30716	KICKING HORSE	082/N/08 FORELAND
30715	MONARCH	082/N/08 FORELAND
30893	BEND (CANYON)	083/D/01 OMINECA: GOLDSTREAM
30893	BEND (NORTH ROAD)	083/D/01 OMINECA: GOLDSTREAM
20075	PINE POINT (J69)	085/G/11 FORELAND
20075	PINE POINT (K53)	085/G/11 FORELAND
20075	PINE POINT (S65)	085/G/11 FORELAND
30701	IRON CLAD	092/B/13 INSULAR: WRANGELLIA

30700	J&S	092/B/13 INSULAR: WRANGELLIA
30702	MOUNT SICKER (LENORA, TYEE)	092/B/13 INSULAR: WRANGELLIA
30705	SUNRO (JORDAN RIVER)	092/C/08 INSULAR: CRESCENT
30704	ALPHA AND BETA	092/C/09 INSULAR: WRANGELLIA
30488	COWICHAN LAKE (LIVINGSTONE)	092/C/09 INSULAR: WRANGELLIA
30483	BROWN JUG	092/E/08 INSULAR: WRANGELLIA
30490	SHOWING (SALMON ARM/SECHELT IN	092/F-G INSULAR: WRANGELLIA
30313	GOLDEN EAGLE	092/F/02 INSULAR: WRANGELLIA
30314	STARLIGHT	092/F/02 INSULAR: WRANGELLIA
30315	VICTORIA	092/F/02 INSULAR: WRANGELLIA
30319	[illegible]	092/F/02 INSULAR: WRANGELLIA
30323	FANDORA	092/F/04 INSULAR: WRANGELLIA
30457	SHOWING (PORT ALBERNI, APPROX)	092/F/04 INSULAR: WRANGELLIA
30355	CREAM LAKE	092/F/05 INSULAR: WRANGELLIA
30335	NUTCRACKER	092/F/10 INSULAR: WRANGELLIA
30735	WESTMIN (HW)	092/F/12 INSULAR: WRANGELLIA
30443	WESTMIN (LYNX)	092/F/12 INSULAR: WRANGELLIA
30703	WESTMIN (MYRA)	092/F/12 INSULAR: WRANGELLIA
30724	LYNN CREEK	092/G/08 CASCADE: NOOKSACK
30722	BRITANNIA (BLUFF)	092/G/11 CASCADE: NOOKSACK
30722	BRITANNIA (JANE)	092/G/11 CASCADE: NOOKSACK
30722	BRITANNIA (NO 5)	092/G/11 CASCADE: NOOKSACK
30722	BRITANNIA (NO 8)	092/G/11 CASCADE: NOOKSACK
30722	BRITANNIA (VICTORIA)	092/G/11 CASCADE: NOOKSACK
30605	MAGGIE (WAR EAGLE)	092/G/11 CASCADE: NOOKSACK
30725	MCVICAR (RUTH)	092/G/11 CASCADE: NOOKSACK
30725	MCVICAR (WHISTLER)	092/G/11 CASCADE: NOOKSACK
30622	JO	092/G/16 CASCADE: NOOKSACK
30606	BIG FOOT	092/H/05 CASCADE: NOOKSACK
30433	CLOUD 1	092/H/05 CASCADE: NOOKSACK
30729	CON	092/H/05 CASCADE: NOOKSACK
30730	SENECA	092/H/05 CASCADE: NOOKSACK
30489	WEAVER (LOC APPROXIMATE)	092/H/06 CASCADE: NOOKSACK
30445	COPPER MOUNTAIN	092/H/07 INTERMONTANE: QUESNELLIA
30325	NICOLA (ENTERPRISE)	092/H/07 INTERMONTANE: QUESNELLIA
30388	KEYSTONE	092/H/11 INTERMONTANE: QUESNELLIA
30858	DOCTORS POINT (NAGY)	092/H/12 CASCADE: NOOKSACK
30808	PROVIDENCE, HARRISON LAKE	092/H/12 CASCADE: NOOKSACK
30456	IRON MOUNTAIN (LUCKY TODD)	092/I/02 INTERMONTANE: QUESNELLIA
30389	LB	092/I/02 INTERMONTANE: QUESNELLIA
30390	LEADVILLE SHAFT	092/I/02 INTERMONTANE: QUESNELLIA
30328	ALAMEADA	092/I/07 INTERMONTANE: QUESNELLIA
30898	BERNICE (SWAKUM MT)	092/I/07 INTERMONTANE: QUESNELLIA
30894	CORONA (SWAKUM MT)	092/I/07 INTERMONTANE: QUESNELLIA
30328	OLD ALAMEADA 3 (SWAKUM MT)	092/I/07 INTERMONTANE: QUESNELLIA
30895	THELMA (SWAKUM MT)	092/I/07 INTERMONTANE: QUESNELLIA
30721	FITZSIMMONS CREEK	092/J/02 CASCADE: NOOKSACK
30726	NORTHAIR (DISCOVERY)	092/J/03 CASCADE: NOOKSACK
30726	NORTHAIR (MANIFOLD)	092/J/03 CASCADE: NOOKSACK
30726	NORTHAIR (WARMAN)	092/J/03 CASCADE: NOOKSACK
30727	VAN SILVER (MILL)	092/J/03 CASCADE: NOOKSACK
30727	VAN SILVER (TEDI PIT)	092/J/03 CASCADE: NOOKSACK
30727	VAN SILVER (TUNNEL)	092/J/03 CASCADE: NOOKSACK
30458	IRON DUKE (LOC APPROXIMATE)	092/J/07 CASCADE: METHOW TYAUGHTON
3045A	SILVER QUEEN (PATRICK)	092/J/08 CASCADE: BRIDGE RIVER
30000	BRALORNE (IDA MAY, BLACKBIRD)	092/J/15 CASCADE: BRIDGE RIVER
30000	BRALORNE PIONEER	092/J/15 CASCADE: BRIDGE RIVER
30003	BRX (ARIZONA)	092/J/15 CASCADE: BRIDGE RIVER
30350	BRX (CALIFORNIA)	092/J/15 CASCADE: BRIDGE RIVER
30961	GOLDEN SIDEWALK (BETA)	092/J/15 CASCADE: BRIDGE RIVER
30941	GREYROCK	092/J/15 CASCADE: BRIDGE RIVER
30380	GULLY VEIN	092/J/15 CASCADE: BRIDGE RIVER
30610	KELVIN	092/J/15 CASCADE: BRIDGE RIVER
30391	LUCKY JEM	092/J/15 CASCADE: BRIDGE RIVER
30392	LUCKY STRIKE	092/J/15 CASCADE: BRIDGE RIVER
30379	MINTO	092/J/15 CASCADE: BRIDGE RIVER
30612	OLYMPIC	092/J/15 CASCADE: BRIDGE RIVER
30002	P.E. GOLD (PIONEER EXTENSION)	092/J/15 CASCADE: BRIDGE RIVER
30611	PEERLESS	092/J/15 CASCADE: BRIDGE RIVER
30001	PIONEER	092/J/15 CASCADE: BRIDGE RIVER
30609	SUMMIT	092/J/15 CASCADE: BRIDGE RIVER
30004	VERITAS	092/J/15 CASCADE: BRIDGE RIVER
30337	WATERLOO	092/J/15 CASCADE: BRIDGE RIVER
30621	MATSON	092/J/16 CASCADE: BRIDGE RIVER
30620	SKWIM LAKE (LINDA 14)	092/K/01 CASCADE: NOOKSACK
30620	SKWIM LAKE (MT DIADEM)	092/K/01 CASCADE: NOOKSACK
30480	JOE AND ANDY	092/L/02 INSULAR: WRANGELLIA
30317	LONE STAR (REY ORO)	092/L/02 INSULAR: WRANGELLIA
3033A	LUCKY STRIKE	092/L/02 INSULAR: WRANGELLIA
30320	PEERLESS	092/L/02 INSULAR: WRANGELLIA
30349	PRIVATEER	092/L/02 INSULAR: WRANGELLIA
30318	WHITE STAR	092/L/02 INSULAR: WRANGELLIA
30484	ZEBALLOS (CENTRAL, BRAGG)	092/L/02 INSULAR: WRANGELLIA
30491	SHOWING	092/L/04 INSULAR: WRANGELLIA
30432	UTLUH CREEK	092/L/06 INSULAR: WRANGELLIA
30366	BON	092/L/07 INSULAR: WRANGELLIA
30699	ISLAND COPPER	092/L/11 INSULAR: WRANGELLIA
30346	ROBSON (BONANZA BASIN)	092/O/02 CASCADE: BRIDGE RIVER
30322	TCHAIKAZAN	092/O/04 CASCADE: BRIDGE RIVER
30916	BLACKDOME	092/O/08 INTERMONTANE: STIKINIA
30329	SAVONA GOLD MINE	092/P/02 INTERMONTANE: QUESNELLIA
30503	CHU CHUA	092/P/08 OMINECA: SLIDE MOUNTAIN
30471	FRIENDLY LAKE	092/P/09 INTERMONTANE: QUESNELLIA
30544	SONIA	092/P/09 OMINECA: ADAMS PLATEAU
30887	FRASERGOLD	093/A/07 INTERMONTANE: QUESNELLIA
30906	SHOWING, MT WATT (LOC APPROX)	093/A/10 OMINECA: BARKERVILLE
30418	MARINER	093/A/11 INTERMONTANE: QUESNELLIA
30767	JOY (CEDAR CREEK)	093/A/12 INTERMONTANE: QUESNELLIA
30607	CARIBOO HUDSON	093/A/14 OMINECA: BARKERVILLE
30416	COMIN THRO BEAR	093/A/14 OMINECA: BARKERVILLE
30688	CUNNINGHAM CREEK (A ZONE)	093/A/14 OMINECA: BARKERVILLE
30690	MAEFORD LAKE	093/A/15 OMINECA: BARKERVILLE
30428	SHOWING	093/A/15 OMINECA: BARKERVILLE
30429	SHOWING	093/A/15 OMINECA: BARKERVILLE
30306	NIFTY	093/D/09 CASCADE: NOOKSACK
30422	NADINA SILVER (EMERALD GLAC'R)	093/E/11 INTERMONTANE: STIKINIA
30405	BERG	093/E/14 INTERMONTANE: STIKINIA
30404	LEAD EMPIRE	093/E/14 INTERMONTANE: STIKINIA
30869	GABRIELLE	093/G/01 INTERMONTANE: QUESNELLIA
30426	PIN MONEY	093/H/03 OMINECA: BARKERVILLE
30686	AURUM (ISLAND MOUNTAIN)	093/H/04 OMINECA: BARKERVILLE
30431	CARIBOO GOLD QUARTZ	093/H/04 OMINECA: BARKERVILLE
30427	MOSQUITO CREEK	093/H/04 OMINECA: BARKERVILLE
30409	EQUITY SILVER (SAM GOOSLEY)	093/L/01 INTERMONTANE: STIKINIA
30403	CHISOLM	093/L/02 INTERMONTANE: STIKINIA
30758	POPLAR	093/L/02 INTERMONTANE: STIKINIA

30763	BOB CREEK	093/L/07 INTERMONTANE: STIKINIA
30795	TOPLEY SILVER	093/L/09 INTERMONTANE: STIKINIA
30770	DEL SANTO (DEEP CREEK)	093/L/10 INTERMONTANE: STIKINIA
30396	CORONADO (SILVER STAR)	093/L/14 INTERMONTANE: STIKINIA
30398	SHOWING	093/L/14 INTERMONTANE: STIKINIA
30761	ASCOTT	093/L/15 INTERMONTANE: STIKINIA
30351	CRONIN BABINE	093/L/15 INTERMONTANE: STIKINIA
30482	SHOWING (NR CRONIN BABINE)	093/L/15 INTERMONTANE: STIKINIA
30339	ROCHER DE BOULE	093/M/04 INTERMONTANE: STIKINIA
30408	SILVER STANDARD (BLACK PRINCE)	093/M/05 INTERMONTANE: STIKINIA
30712	POCO MAIN	094/B/03 FORELAND
30713	POCO STONE	094/B/03 FORELAND
30410	ROBB LAKE	094/B/13 FORELAND
30711	MOUNT BURDEN	094/B/04 FORELAND
30603	NORDD LAKE	094/E/02 INTERMONTANE: STIKINIA
30602	CLAW MOUNTAIN	094/E/05 INTERMONTANE: STIKINIA
30801	BAKER	094/E/06 INTERMONTANE: STIKINIA
30604	METSANTAN PROSPECT	094/E/06 INTERMONTANE: STIKINIA
30406	SILVER CREEK	094/E/06 INTERMONTANE: STIKINIA
30694	ELF	094/F/07 SELWYN:
30695	FLUKE	094/F/07 SELWYN:
30696	PIE (FLOAT)	094/F/07 SELWYN:
30691	ALCOCK	094/F/11 SELWYN:
30692	CIRQUE	094/F/11 SELWYN:
30708	BEATTON RIVER	094/G/02 FORELAND
30710	MOUNT MCCUSKER	094/G/04 FORELAND
30714	RICHARDS CREEK	094/G/12 FORELAND
30693	DRIFTPILE (CREEK)	094/K/04 SELWYN:
30693	DRIFTPILE (N TRENCH)	094/K/04 SELWYN:
30693	DRIFTPILE (S CAMP)	094/K/04 SELWYN:
30430	GOAT	094/K/04 FORELAND
30697	ROUGH (SHEAR ZONE)	094/L/08 SELWYN:
30679	BOYA	094/M/03 SELWYN:
10032	KOTANEELEE	095/C/01 FORELAND
10089	QUARTZ LAKE (MCMILLAN)	095/D/05 SELWYN:
10052	MEL-HOSER (JERI)	095/D/06 SELWYN
10052	MEL-HOSER (MAIN)	095/D/08 SELWYN
10153	CHU	095/D/13 SELWYN:
10152	FYIO	095/E/03 SELWYN:
20087	ROY	095/E/12 FORELAND: MCKENZIE
20080	CADILLAC	095/F/10 FORELAND
20081	WRIGLEY LOU	095/J/13 FORELAND
30614	BOB, BANKS ISLAND	103/G/08 INSULAR: ALEXANDER
30613	KIM, BANKS ISLAND	103/G/08 INSULAR: ALEXANDER
30870	TEL, BANKS ISLAND	103/G/08 INSULAR: ALEXANDER
30307	GIBSON GIRL	103/G/16 INSULAR: ALEXANDER
30708	ECSTALL RIVER	103/H/13 INTERMONTANE: TRACY ARM
30308	MARTIN	103/I/15 INTERMONTANE: STIKINIA
50055	JARVIS	103/O/16 INTERMONTANE: STIKINIA
30777	HIDDEN CREEK (ANYOX)	103/P/05 INTERMONTANE: STIKINIA
30718	B.C. MOLYBDENUM (LIME CREEK)	103/P/06 INTERMONTANE: STIKINIA
30773	ESPERANZA	103/P/06 INTERMONTANE: STIKINIA
30798	SILVER BELL (UNITED METALS)	103/P/11 INTERMONTANE: STIKINIA
30557	TORBRIT (JASPER LODE)	103/P/11 INTERMONTANE: STIKINIA
30771	DOLLY VARDEN	103/P/12 INTERMONTANE: STIKINIA
30776	GALENA	103/P/12 INTERMONTANE: STIKINIA
30785	MASTADON	103/P/12 INTERMONTANE: STIKINIA
30556	NORTH STAR	103/P/12 INTERMONTANE: STIKINIA
30555	RED POINT (COPPER BELT)	103/P/12 INTERMONTANE: STIKINIA
30904	WOLF	103/P/12 INTERMONTANE: STIKINIA
30765	BAYVIEW	103/P/13 INTERMONTANE: STIKINIA
30492	PROSPERITY-PORTER IDAHO	103/P/13 INTERMONTANE: STIKINIA
30717	RAF (BEAR RIVER)	103/P/13 INTERMONTANE: STIKINIA
30766	SILVERADO	103/P/13 INTERMONTANE: STIKINIA
30616	SPIDER ADITS	104/A/04 INTERMONTANE: STIKINIA
30929	SURPRISE CREEK (NORADCO)	104/A/04 INTERMONTANE: STIKINIA
30415	BIG MISSOURI (CALCITE CUTS)	104/B/01 INTERMONTANE: STIKINIA
30415	BIG MISSOURI (CREEK)	104/B/01 INTERMONTANE: STIKINIA
30415	BIG MISSOURI (HERCULES, DUMAS)	104/B/01 INTERMONTANE: STIKINIA
30415	BIG MISSOURI (MARTHA ELLEN)	104/B/01 INTERMONTANE: STIKINIA
30415	BIG MISSOURI (PROVINCE)	104/B/01 INTERMONTANE: STIKINIA
30415	BIG MISSOURI (TERMINUS F/WALL)	104/B/01 INTERMONTANE: STIKINIA
30495	CONSOLIDATED SILVER BUTTE	104/B/01 INTERMONTANE: STIKINIA
30775	GRANDUC	104/B/01 INTERMONTANE: STIKINIA
30939	INDIAN	104/B/01 INTERMONTANE: STIKINIA
30720	PACKER FRACTION	104/B/01 INTERMONTANE: STIKINIA
50058	RIVERSIDE	104/B/01 INTERMONTANE: STIKINIA
30493	SCOTTIE GOLD	104/B/01 INTERMONTANE: STIKINIA
30494	SILBAK PREMIER (1Q)	104/B/01 INTERMONTANE: STIKINIA
30494	SILBAK PREMIER (GLORY HOLE)	104/B/01 INTERMONTANE: STIKINIA
30494	SILBAK PREMIER (LESLEY CK BR)	104/B/01 INTERMONTANE: STIKINIA
30494	SILBAK PREMIER (NORTH LIGHTS)	104/B/01 INTERMONTANE: STIKINIA
30494	SILBAK PREMIER (WEST)	104/B/01 INTERMONTANE: STIKINIA
30923	START	104/B/01 INTERMONTANE: STIKINIA
30889	KERR (NANCY)	104/B/08 INTERMONTANE: STIKINIA
30890	SULPHURETS (BRUCEJACK LAKE)	104/B/08 INTERMONTANE: STIKINIA
30890	SULPHURETS (HANGING GLACIER)	104/B/08 INTERMONTANE: STIKINIA
30890	SULPHURETS (SHORE ZONE)	104/B/08 INTERMONTANE: STIKINIA
30797	UNUK RIVER (UNUK JUMBO)	104/B/08 INTERMONTANE: STIKINIA
30794	TOM MACKAY LAKE	104/B/09 INTERMONTANE: STIKINIA
30891	KHYBER PASS	104/B/10 INTERMONTANE: STIKINIA
30494	SILBAK PREMIER (2 LEVEL)	104/B/10 INTERMONTANE: STIKINIA
30631	SNIPPAKER (BRONSON GLACIER)	104/B/10 INTERMONTANE: STIKINIA
30631	SNIPPAKER (INEL)	104/B/10 INTERMONTANE: STIKINIA
30891	SNIPPAKER (KHYBER-INEL BNDRY)	104/B/10 INTERMONTANE: STIKINIA
30629	SNIPPAKER (SERICITE RIDGE)	104/B/10 INTERMONTANE: STIKINIA
30631	SNIPPAKER (WOLVERINE)	104/B/10 INTERMONTANE: STIKINIA
30814	JOHNNY MOUNTAIN (REG GROUP)	104/B/11 INTERMONTANE: STIKINIA
30813	TWO BARREL (REG GROUP)	104/B/11 INTERMONTANE: STIKINIA
30420	BJ (MARMOT, GRIZZLY, RAT)	104/G/02 INTERMONTANE: STIKINIA
30558	HORN SILVER	104/G/09 INTERMONTANE: STIKINIA
30802	KUTCHO CREEK	104/I/01 INTERMONTANE: STIKINIA
30474	BULLION CREEK	104/I/07 OMINECA: CASSIAR PELLY
30473	PERIGRIN	104/I/07 INTERMONTANE: CACHE CREEK
30949	ERIKSEN	104/K/11 INTERMONTANE: STIKINIA
30423	FEE	104/M/07 INTERMONTANE: TRACY ARM
30326	ENGINEER MINE	104/M/08 INTERMONTANE: STIKINIA
30806	DISCOVERY	104/N/06 INTERMONTANE: CACHE CREEK
30804	GOLDEN VIEW	104/N/06 INTERMONTANE: CACHE CREEK
30807	LAKEVIEW	104/N/06 INTERMONTANE: CACHE CREEK
30805	SURPRISE	104/N/06 INTERMONTANE: CACHE CREEK
30382	SHOWING	104/N/11 INTERMONTANE: CACHE CREEK?
30381	SHOWING	104/N/11 INTERMONTANE: CACHE CREEK
30753	ATLIN RUFFNER	104/N/12 INTERMONTANE: CACHE CREEK
30552	AMY (MARBACO)	104/O/16 OMINECA: CASSIAR PELLY
30553	BUTLER MOUNTAIN (LOC APPROX)	104/O/16 OMINECA: CASSIAR PELLY

30460	MIDWAY (DISCOVERY)	104/O/16 OMINECA: CASSIAR PELLY
30460	MIDWAY (LOWER)	104/O/16 OMINECA: CASSIAR PELLY
30460	MIDWAY (SILVERTIP)	104/O/16 OMINECA: CASSIAR PELLY
30876	SILVER KNIFE	104/O/16 OMINECA: CASSIAR PELLY
30873	BILL-CARLICK (TRENCH 1)	104/P/03 OMINECA: CASSIAR PELLY
30873	BILL-CARLICK (TRENCH 2)	104/P/03 OMINECA: CASSIAR PELLY
30400	CUSAC	104/P/04 OMINECA: CASSIAR PELLY
30436	ERICKSON (VOLLAUG)	104/P/04 OMINECA: CASSIAR PELLY
30872	NEEDLEPOINT SILVER	104/P/04 OMINECA: CASSIAR PELLY
30386	WEISMAN	104/P/04 OMINECA: CASSIAR PELLY
30387	CONTACT (TELEMAC)	104/P/05 OMINECA: CASSIAR PELLY
30383	MAGNO (COAST SILVER)	104/P/05 OMINECA: CASSIAR PELLY
30383	MAGNO (SILVER QUEEN)	104/P/05 OMINECA: CASSIAR PELLY
30383	MAGNO (WEST)	104/P/05 OMINECA: CASSIAR PELLY
30385	MARBLE BASIN (D-ZONE)	104/P/05 OMINECA: CASSIAR PELLY
30385	MARBLE BASIN (GRANITE CK)	104/P/05 OMINECA: CASSIAR PELLY
30385	MARBLE BASIN (UPPER D)	104/P/05 OMINECA: CASSIAR PELLY
30882	MT HASKIN (NW SKARN)	104/P/06 OMINECA: CASSIAR PELLY
30384	RAY 2	104/P/12 OMINECA: CASSIAR PELLY
30399	SKARN SHOWING	105/A/02 OMINECA: SLIDE MOUNTAIN
30882	MT HASKIN (SE SKARN)	105/A/02 OMINECA: SLIDE MOUNTAIN
30481	BLUE (ICE LAKE)	105/A/10 SELWYN:
10146	CAROL (ROMAN)	105/A/10 SELWYN:
10172	NAZO (ROMAN)	105/B/01 OMINECA: CASSIAR PELLY
10138	MOUNT HUNDERE (N SHOW)	105/B/01 OMINECA: CASSIAR PELLY
10138	MOUNT HUNDERE (S SHOW)	105/B/01 OMINECA: CASSIAR PELLY
10084	A+B	105/B/01 OMINECA: CASSIAR PELLY
10177	FIDDLER (GREISEN)	105/B/02 OMINECA: CASSIAR PELLY
10177	FIDDLER (SKARN)	105/B/04 OMINECA: CASSIAR PELLY
10168	LOLA	105/B/04 OMINECA: CASSIAR PELLY
10145	BLACK ROCK (ALAN)	105/B/04 OMINECA: CASSIAR PELLY
10102	LOGTUNG (DARVA VEIN)	105/B/04 OMINECA: CASSIAR PELLY
10102	LOGTUNG (WEST)	105/B/08 OMINECA: CASSIAR PELLY
10134	MC RIDGE (K3)	105/B/09 OMINECA: CASSIAR PELLY
10134	MC-RIDGE (K1)	105/D/02 INTERMONTANE: CACHE CREEK
10154	MEISTER	105/D/04 INTERMONTANE: TRACY ARM?
10155	WOLF	105/D/05 INTERMONTANE: TRACY ARM?
10108	VENUS	105/F/07 OMINECA: CASSIAR PELLY
10079	RAM	105/F/08 OMINECA: CASSIAR PELLY
10072	DEB	105/F/09 OMINECA: CASSIAR PELLY
10086	MM	105/F/09 OMINECA: CASSIAR PELLY
10062	CHZERMADUCH	105/F/09 OMINECA: CASSIAR PELLY
10090	HOWRU	105/F/09 OMINECA: CASSIAR PELLY
10081	KETZA (IONA A-1, STUMP)	105/F/09 OMINECA: CASSIAR PELLY
10081	KETZA (IONA F2 EAST, HOEY)	105/F/09 OMINECA: CASSIAR PELLY
10081	KETZA (IONA F2 WEST, HOEY)	105/F/09 OMINECA: CASSIAR PELLY
10081	KETZA (IONA K16B, KETZAKEY)	105/F/09 OMINECA: CASSIAR PELLY
10081	KETZA RIVER	105/F/09 OMINECA: CASSIAR PELLY
10180	OXO EAST	105/F/09 OMINECA: CASSIAR PELLY
10180	OXO VEIN	105/F/10 OMINECA: CASSIAR PELLY
10061	BADB	105/F/10 OMINECA: CASSIAR PELLY
10088	MAT CREEK	105/F/10 OMINECA: CASSIAR PELLY
10168	RAM (GRAYLING)	105/F/15 OMINECA: CASSIAR PELLY
10083	ANGIE	105/G/02 OMINECA: YUKON TANANA
10113	FYRE LAKE	105/G/03 OMINECA: CASSIAR PELLY
10170	TINTINA	105/G/03 OMINECA: CASSIAR PELLY
10179	TINTINA (CONTACT)	105/G/05 OMINECA: CASSIAR PELLY
10059	JOE	

10060	CYR	105/G/10 OMINECA: CASSIAR PELLY
10100	HOO	105/G/12 OMINECA: YUKON TANANA
10094	PAY (FORTIN LAKE)	105/G/15 SELWYN:
10112	FRANCES	105/H/06 SELWYN:
10073	MATT BERRY (BARB)	105/H/06 SELWYN:
10178	RON	105/H/07 FORELAND: MCKENZIE
10135	NORQUEST FIRTREE	105/H/08 SELWYN:
10069	MAXI (D ZONE)	105/H/11 SELWYN:
10095	NAR	105/I/04 SELWYN:
20083	GOLDEN RAM (loc approx)	105/I/06 FORELAND: MCKENZIE
10091	HOWARDS PASS (ANNIV)	105/I/06 SELWYN:
10091	HOWARDS PASS (OP)	105/I/06 SELWYN:
10091	HOWARDS PASS (XY)	105/I/06 SELWYN:
10096	PAS (SHIELD, HOLE 1)	105/I/06 SELWYN:
10096	PAS (SHIELD, HOLE 2)	105/I/06 SELWYN:
20076	VULCAN	105/I/08 SELWYN:
20086	NOD (LOCATION APPROXIMATE)	105/I/11 SELWYN:
20082	ARROW	105/I/15 FORELAND: MCKENZIE
20078	O'GRADY	105/I/15 SELWYN:
10064	KATE	105/J/02 SELWYN:
10093	PIKE	105/J/02 SELWYN:
10080	PELLY (CHAPLIN, ARD)	105/K/01 SELWYN:
10127	SB	105/K/02 SELWYN:
10065	DEV	105/K/03 OMINECA: CASSIAR PELLY
10109	DY (BOTTOM OF ANVIL CYCLE)	105/K/03 SELWYN:
10109	DY (MID-TOP OF ANVIL CYCLE)	105/K/03 SELWYN:
10109	DY (UNKNOWN PART OF CYCLE)	105/K/03 SELWYN:
10066	SIR JOHN A (JA)	105/K/03 OMINECA: CASSIAR PELLY
10087	SUNSET (FARGO)	105/K/03 SELWYN:
10125	SWIM	105/K/03 SELWYN:
10126	VANGORDA	105/K/03 SELWYN:
10128	SEA	105/K/04 SELWYN:
10110	FARO (BOTTOM OF ANVIL CYCLE)	105/K/06 SELWYN:
10110	FARO (MIDDLE OF ANVIL CYCLE)	105/K/06 SELWYN:
10110	FARO (TOP OF ANVIL CYCLE)	105/K/06 SELWYN:
10092	DRUM	105/K/06 SELWYN:
10129	MUR (VEIN IN ANVIL BATHOLITH)	105/K/06 SELWYN:
10131	NA (VEIN IN ANVIL BATHOLITH)	105/K/06 SELWYN:
10130	RAZ (VEIN IN ANVIL BATHOLITH)	105/K/06 SELWYN:
10137	LADY DI	105/K/13 SELWYN:
10183	CAVE (DROMEDARY MOUNTAIN)	105/L/14 SELWYN
10165	CLEAR LAKE	105/L/14 SELWYN
10156	MCARTHUR (KALSAS MOUNTAIN)	105/L/14 SELWYN
10185	DROMEDARY MOUNTAIN	105/L/15 SELWYN
10182	LONE MOUNTAIN	105/L/15 SELWYN
10184	ONE HUMP (DROMEDARY MOUNTAIN)	105/L/15 SELWYN
10157	FLAT CLAIMS	105/M/04 FORELAND: WERNECKE
10086	GALENA HILL (ELSA)	105/M/14 SELWYN:
10086	GALENA HILL (HECTOR CALUMET)	105/M/14 SELWYN:
10086	GALENA HILL (HUSKY)	105/M/14 SELWYN:
10086	GALENA HILL (SILVER KING)	105/M/14 SELWYN:
10086	KENO HILL (BERMINGHAM PIT)	105/M/14 SELWYN:
10086	KENO HILL (KENO)	105/M/14 SELWYN:
10086	KENO HILL (LADUE)	105/M/14 SELWYN:
10086	KENO HILL (PADDY)	105/M/14 SELWYN:
10086	KENO HILL (RUBY)	105/M/14 SELWYN:
10086	KENO HILL (SHAMROCK)	105/M/14 SELWYN:
10086	KENO HILL (STONE)	105/M/14 SELWYN:

10097	PLATA (NO.2)	105/N/09 SELWYN:
10097	PLATA (NO.6)	105/N/09 SELWYN:
10097	PLATA (THRUST)	105/N/09 SELWYN:
10077	JASON	105/O/01 SELWYN:
10078	TOM (EAST)	105/O/01 SELWYN:
10078	TOM (WEST)	105/O/01 SELWYN:
10097	PLATA (INCA)	105/O/12 SELWYN:
10050	OOO	105/O/13 SELWYN:
20077	MOUNT CHRISTIE	105/P/04 SELWYN:
20027	CLIMAX	105/P/08 FORELAND
20073	MAJESTY	105/P/08 FORELAND
20010	EMILY	105/P/11 FORELAND
20006	PAM	105/P/11 FORELAND
20008	BACKBONE	105/P/14 FORELAND
20017	KEG (FLOAT)	105/P/14 FORELAND
20011	LAN	105/P/14 FORELAND
20016	TAP	105/P/14 FORELAND
20009	WEATHER	105/P/14 FORELAND
20023	REV (CIRQUE)	106/A/03 FORELAND
20023	REV (MAIN)	106/A/03 FORELAND
20023	REV (WATERFALL)	106/A/03 FORELAND
20012	TWITYA	106/A/03 FORELAND
20034	KIND	106/A/05 FORELAND
20003	PALM	106/A/05 FORELAND
20028	VIC	106/A/07 FORELAND
10034	BIRKELAND	106/B/04 SELWYN:
10030	CORINCO 3 (NECO)	106/B/05 SELWYN:
10010	ECONOMIC	106/B/06 FORELAND
20086	SHOWING (LOCATION APPROXIMATE)	106/B/07 FORELAND
20015	JIM	106/B/08 FORELAND
20022	GUILD	106/B/09 FORELAND
20025	TEGART	106/B/09 FORELAND
20088	SHOWING (LOCATION APPROXIMATE)	106/B/10 FORELAND
20072	SHOWING (LOCATION APPROXIMATE)	106/B/11 FORELAND
20047	RIO	106/B/14 FORELAND
20085	SHOWING (LOCATION APPROXIMATE)	106/B/14 FORELAND
20029	SOMMERDUCKER	106/B/14 FORELAND
20030	ZIE	106/B/14 FORELAND
20024	GAYNA (C-SHOW)	106/B/15 FORELAND
20024	GAYNA (EARLY MINERALIZATION)	106/B/15 FORELAND
20024	GAYNA (LATE MINERALIZATION)	106/B/15 FORELAND
20024	GAYNA (TOP OF A)	106/B/15 FORELAND
20074	SHOWING	106/B/15 FORELAND
10055	TARA	106/C/02 FORELAND
10083	PRISM (NORTH VAL)	106/C/05 SELWYN:
10083	PRISM (VAL: HILLSIDE)	106/C/05 SELWYN:
10083	PRISM (VAL: LITTLE RED)	106/C/05 SELWYN:
10083	PRISM (VAL: TETRAHEDRITE)	106/C/05 SELWYN:
10083	PRISM (VERA: MAIN SHOW)	106/C/05 SELWYN:
10083	PRISM (VERA: TRENCH 2)	106/C/05 SELWYN:
10033	COZ	106/C/07 SELWYN:
10012	GILLESPIE	106/C/13 FORELAND
10141	JOLLY	106/C/13 SELWYN:
10042	PROFEIT (DOC)	106/C/13 FORELAND
10001	EG (CARNE)	106/C/14 FORELAND
10087	STAND-TO MOUNTAIN	106/D/03 SELWYN:
10085	PESO (MAIN VEIN)	106/D/04 SELWYN:
10085	PESO (REX VEIN)	106/D/04 SELWYN:
10139	BLENDE	106/D/07 FORELAND
10115	KATHLEEN	106/D/08 SELWYN:
10083	PRISM (ZAP)	106/D/08 SELWYN:
10005	NEWT	106/D/11 FORELAND
10136	SNAKEHEAD (CORD)	106/D/16 FORELAND
10051	CHLOE (MACMILLAN)	106/E/02 FORELAND
10016	GREMLIN	106/E/02 FORELAND
10040	TUKU (ALI)	106/E/14 FORELAND
50006	LA PELOUSE, ALASKA	114/I/10 INSULAR: CHUGACH
50020	ORANGE POINT, ALASKA	114/I/15 INSULAR: CHUGACH
50007	TARR INLET KNOB, ALASKA	114/P/02 INSULAR: ALEXANDER
50008	MARGARIE GLACIER, ALASKA	114/P/03 INSULAR: ALEXANDER
30808	GRIZZLY HEIGHTS	114/P/07 INSULAR: ALEXANDER
30886	LOW HERBERT	114/P/07 INSULAR: ALEXANDER
50057	CAP	114/P/08 INSULAR: ALEXANDER
50056	GLACIER CREEK (MAIN)	114/P/08 INSULAR: ALEXANDER
30809	MT HENRY CLAY (LOW JARVIS)	114/P/08 INSULAR: ALEXANDER
50004	US BOULDERADO, ALASKA	114/P/08 INSULAR: ALEXANDER
30463	MAID OF ERIN	114/P/10 INSULAR: ALEXANDER
10089	CUB CREEK (FLOAT)	115/B/16 INSULAR: WRANGELLIA
10132	TELLURIDE	115/B/16 INSULAR: WRANGELLIA
10142	BROWN MCDADE	115/I/03 ORINECA: YUKON TANANA
10140	LILY PAD	115/I/05 ORINECA: YUKON TANANA
10103	RED FOX	115/I/08 ORINECA: YUKON TANANA
10104	TINTA HILL	115/I/07 ORINECA: YUKON TANANA
10074	CASINO (BOMBER)	115/J/10 ORINECA: YUKON TANANA
10074	CASINO (C-TRENCH)	115/J/10 ORINECA: YUKON TANANA
10074	CASINO (PORPHYRY)	115/J/10 ORINECA: YUKON TANANA
10108	MOSQUITO (CONNAUGHT)	115/N/15 ORINECA: YUKON TANANA
10105	OREKON SYNDICATE (KINGSOL DOME	115/O/15 ORINECA: YUKON TANANA
10028	VUG	116/A/08 FORELAND
10082	HART RIVER	116/A/10 FORELAND
10008	HOT	116/A/13 FORELAND
10107	SILVER CITY	116/B/05 ORINECA: YUKON TANANA
10071	SPOTTED FAWN	116/B/07 SELWYN:
10133	TING	116/B/07 SELWYN:
10078	TOMBSTONE I (GRAVE)	116/B/07 SELWYN:
10078	TOMBSTONE II (SUBTRACT)	116/B/07 SELWYN:
10078	TOMBSTONE III (ROBERT SERVICE)	116/B/07 SELWYN:
10005	KIWI	116/B/10 FORELAND
10037	OZ	116/B/12 FORELAND
10023	DEM	116/B/13 FORELAND
10038	MONSTER	116/B/13 FORELAND
10020	TART	116/B/13 FORELAND
10013	UGLY (UG)	116/C/16 FORELAND
10002	BILBO	116/G/07 FORELAND
50005	DRENCHWATER, ALASKA	147/A/10 INSULAR: ??
50003	RED DOG, ALASKA	147/C/02 INSULAR: ??

TABLE 5.5

Table 5.5 is divided into tectonic elements. It provides full tectonic and lithological information, and partial analytical data, for each sample. *Deposits are listed sequentially by sample number within each tectonic belt.* Divisions of Table 5.5 are:

Table 5.5I	Insular Belt
Table 5.5C	Cascade Belt
Table 5.5N	Intermontane Belt
Table 5.5OW	Omineca (Pericratonic) West Belt
Table 5.5OE	Omineca East Belt
Table 5.5ON	Omineca North (Cassiar - Pelly) Belt
Table 5.5S	Selwyn Basin
Table 5.5F	Foreland Belt

Notes

1. Column 1 gives data status and normalization factors (Table 5.1) where:
   c = current normalization factor
   o = other normalization factors, variable reliability
2. Suffix codes used in Table 5.5 (*see* Table 5.3 for full list of codes available for use):
   XXXXX-XXX! = analyses suspected to be poor
   XXXXX-XXX$ = analysis renormalized--Sinclair (1964) to Reynolds and Sinclair (1971)
   XXXXX-XXX# = analyses used in plots, often averages
   XXXXX-XXX* = analyses flagged for special use such as comparisons or inclusion in average
   XXXXX-XXXA = average of repeats and duplicates for sample (to be used for plotting and for determination of averages for a given deposit)
   XXXXX-XXXD = duplicate analysis of sample using new chemical dissolution
   XXXXX-XXXR = analysis repeated from same chemical dissolution of sample
3. Sample Source column includes published reference where appropriate (see References, Section 8).
4. Dep Type = Deposit Type
5. MT = material analysed:
   AS = arsenopyrite
   JS = jamesonite
   PR = pyrrhotite
   SL = sphalerite
   GL = galena
   CS = cerussite
   PM = pyromorphite
   PY = pyrite
   SX = sulphides, undifferentiated
6. PB6/4, PB7/4, PB8/4, PB7/6, and PB8/6 = $^{206}Pb/^{204}Pb$, $^{207}Pb/^{204}Pb$, $^{208}Pb/^{204}Pb$, $^{207}Pb/^{206}Pb$, and $^{208}Pb/^{206}Pb$, respectively.

TABLE 5.5I.
Location, References, Host Units, and Deposit Type for Samples in the Insular Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
o 10099-001	CUB CREEK (FLOAT)	115/B/16/E:NE-	60.90	138.14	D EATON, ARCHER CATHRO & ASSOC	UNKNOWN	UNKNOWN	VOLCANOGENIC?	GL	19.609	15.683	39.814	0.79979	2.03039
o 10099-002	CUB CREEK (FLOAT)	115/B/16/E:NE-	60.90	138.14	D EATON, ARCHER CATHRO & ASSOC	UNKNOWN	UNKNOWN	VOLCANOGENIC?	GL	18.797	15.584	38.369	0.82907	2.04123
o 10132-002	TELLURIDE	115/B/16/E:NE-007	60.90	138.22	D EATON, ARCHER CATHRO & ASSOC	UNKNOWN	UNKNOWN	VOLCANOGENIC	GL	18.025	15.440	37.437	0.85658	2.07695
o 30307-001	GIBSON GIRL	103/G/16/E:NE-002	53.93	130.15	G WOODSWORTH, GEOL SURV CAN: OLIVER 1982	VOLCANIC	UNKNOWN	VOLCANOGENIC	GL	18.146	15.550	37.783	0.85694	2.08107
o 30313-001	GOLDEN EAGLE	092/F/02/E:SE-080	49.11	124.59	UBC E COLLECTION: ANDREW 1982	SICKER FORMATION: VOLCANICS	DEVONIAN?	VEIN	GL	19.007	15.621	38.577	0.82186	2.02962
o 30313-002	GOLDEN EAGLE	092/F/02/E:SE-080	49.11	124.59	UBC E COLLECTION	SICKER FORMATION: VOLCANICS	DEVONIAN?	VEIN	GL	18.809	15.624	38.639	0.83067	2.05428
o 30314-001	STARLIGHT	092/F/02/E:SE-216	49.05	124.71	UBC E COLLECTION: ANDREW 1982	KARMUTSEN FORMATION VOLCANICS	TRIASSIC	VEIN	GL	18.592	15.562	38.198	0.83703	2.05443
o 30314-002	STARLIGHT	092/F/02/E:SE-216	49.05	124.71	UBC E COLLECTION	KARMUTSEN FORMATION VOLCANICS	TRIASSIC	VEIN	GL	18.647	15.555	38.203	0.83418	2.04875
o 30315-001	VICTORIA	092/F/02/E:SE-079	49.18	124.66	UBC E COLLECTION: ANDREW 1982	ANDESITE	TERTIARY RELATED	VEIN: AU	GL	18.828	15.646	38.733	0.83100	2.05720
o 30317-001	LONE STAR (REY ORO)	092/L/02/W:SE-015	50.02	126.79	UBC E COLLECTION ES50: ANDREW 1982	CATFACE INTRUSIONS: QUARTZ DIORITE	TERTIARY	VEIN AU	GL	18.940	15.569	38.445	0.82202	2.02983
o 30317-001R	LONE STAR (REY ORO)	092/L/02/W:SE-015	50.02	126.79	UBC E COLLECTION ES50: ANDREW 1982	CATFACE INTRUSIONS: QUARTZ DIORITE	TERTIARY	VEIN AU	GL	18.950	15.571	38.378	0.82169	2.02522
o 30317-001A	LONE STAR (REY ORO) (N=2)	092/L/02/W:SE-015	50.02	126.76	UBC E COLLECTION ES50: ANDREW 1982	CATFACE INTRUSIONS: GRANODIORITE	TERTIARY	VEIN, Au	GL	18.945	15.570	38.411	0.82185	2.02753
o 30317-002	LONE STAR (REY ORO)	092/L/02/W:SE-015	50.05	126.79	A ANDREW 1987: LS	CATFACE INTRUSIONS: QUARTZ DIORITE	TERTIARY	VEIN	GL	18.979	15.501	38.551	0.82201	2.03125
o 30318-001	WHITE STAR	092/L/02/W:SE-010	50.03	126.81	UBC E COLLECTION ES51: ANDREW 1982	CATFACE INTRUSIONS: GRANODIORITE	TERTIARY	VEIN AU	GL	18.866	15.499	38.245	0.82153	2.02719
o 30318-002	WHITE STAR	092/L/02/W:SE-010	50.03	126.81	A ANDREW 1987: WS	ZEBALLOS PLUTON	TERTIARY	VEIN	GL	18.985	15.605	38.584	0.82198	2.03234
o 30319-001	WW	092/F/02/W:SE-141	49.03	124.70	A ANDREW 1987: WW			VEIN	GL	18.983	15.577	38.533	0.82014	2.02880
o 30319-002	WW	092/F/02/W:SE-141	49.03	124.70	A ANDREW 1987: WW			VEIN	GL	19.009	15.604	38.636	0.82087	2.03251
o 30320-001	PEERLESS	092/L/02/W:SE-025	50.04	126.84	UBC E COLLECTION ES58: ANDREW 1982	BONANZA GP: VOLCANICS: ZEBALLOS PLUTON	JURASSIC: TERTIARY REL	VEIN AU	GL	18.986	15.560	38.453	0.81955	2.02533
o 30320-002	PEERLESS	092/L/02/W:SE-025	50.04	126.84	A ANDREW 1987: PR	BONANZA GP: VOLCANICS: ZEBALLOS PLUTON	JURASSIC: TERTIARY REL	VEIN	GL	19.003	15.583	38.534	0.82003	2.02779
o 30323-001	FANDORA	092/F/04/E:SW-041	49.24	125.68	UBC E COLLECTION: ANDREW 1982	CLOSE TO CATFACE INTRUSIONS GRANODIORITE	TERTIARY	VEIN AU	GL	18.856	15.526	38.290	0.82340	2.03085
o 30323-002	FANDORA	092/F/04/E:SW-041	49.24	125.68	UBC E COLLECTION	CLOSE TO CATFACE INSTRUSIONS GRANODIORITE	TERTIARY	VEIN AU	GL	18.850	15.556	38.384	0.82525	2.03682
o 30334-001	LUCKY STRIKE	092/L/02/W:SE-030	50.08	126.84	UBC E COLLECTION: ANDREW 1982	ISLAND INTRUSIONS GRANODIORITE	JURASSIC: TERTIARY REL	VEIN	GL	18.827	15.532	38.405	0.82408	2.03080
o 30335-001	NUTCRACKER	092/F/10/E:NE-359	49.74	124.59	UBC E COLLECTION: ANDREW 1982	KARMUTSEN VOLCANICS: PORPHYRY	TRIASSIC	VEIN?	GL	18.809	15.521	38.048	0.83406	2.04460
o 30349-001	PRIVATEER	092/L/02/W:SE-008	50.03	126.81	UBC E COLLECTION: ANDREW 1982	BONANZA GROUP VOLCANICS	JURASSIC: TERTIARY REL?	VEIN AU	GL	19.011	15.581	38.505	0.81958	2.02541
o 30349-002	PRIVATEER	092/L/02/W:SE-008	50.03	126.81	A ANDREW 1987: PV	ZEBALLOS PLUTON	JURASSIC	VEIN	GL	18.983	15.601	38.560	0.82184	2.03129
o 30355-001	CREAM LAKE	092/F/05/E:SW-220	49.49	125.54	UBC E COLLECTION: ANDREW 1982	SICKER GROUP?	DEVONIAN?	VEIN	GL	19.171	15.585	38.798	0.81295	2.02368

o 30366-001	BON	092/L/07/E:SE-161	50.26	126.67	UBC E COLLECTION: ANDREW 1987	KARMUTSEN FORMATION	TRIASSIC	SKARN	GL	18.587	15.526	38.006	0.83532	2.04907				
o 30432-001	UTLUH CREEK	092/L/06/W:SW-	50.30	127.45	J LEASK	BONANZA GROUP VOLCANICS	JURASSIC	VEIN	GL	18.576	15.555	38.195	0.83737	2.05615				
o 30432-001R	UTLUH CREEK	092/L/06/W:SW-	50.30	127.45	J LEASK	BONANZA GROUP VOLCANICS	JURASSIC	VEIN	GL	18.476	15.442	37.883	0.83578	2.05039				
o 30432-001A	UTLUH CREEK (N=2)	092/L/06/W:SW-	50.30	127.45	J LEASK	BONANZA GROUP VOLCANICS	JURASSIC	VEIN	GL	18.526	15.499	38.039	0.83661	2.05193				
o 30443-001	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: UG-101: W162 319-342FT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.539	15.568	38.138	0.83984	2.05718				
o 30443-002	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: UG-102: W164 355-377FT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.614	15.585	38.494	0.83727	2.05801				
o 30443-003	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-107: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.544	15.563	38.154	0.83925	2.05748				
o 30443-003R	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-107: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.555	15.576	38.132	0.83945	2.05908				
o 30443-003A	WESTMIN (LYNX, N=2)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-107: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.544	15.569	38.143	0.83957	2.05689				
o 30443-004	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-110: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.551	15.554	38.129	0.83844	2.05536				
o 30443-004R	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-110: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.563	15.571	38.173	0.83882	2.05640				
o 30443-004A	WESTMIN (LYNX, N=2)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-110: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.557	15.563	38.151	0.83866	2.05588				
o 30443-005	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-111: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.554	15.561	38.147	0.83869	2.05600				
o 30443-AVG	WESTMIN (LYNX, N=3)	092/F/12/E:NW-071	49.58	125.61	A ANDREW 1987: GZ-107, 110, 111: G ZONE, LYNX PIT	SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	18.548	15.565	38.147	0.83913	2.05655				
o 30457-001	SHOWING (PORT ALBERNI, APPROX)	092/F/04/W:SW-	49.25	124.80	A ANDREW 1987: AA			VOLCANOGENIC	GL	18.350	15.572	38.003	0.84061	2.07101				
c 30463-002	MAID OF ERIN	114/P/10/E:NE-007	50.55	136.58	FALCONBRIDGE: J OLIVER & J WILSON	LIMESTONE	PERMIAN	SKARN	GL	19.130	15.605	38.484	0.81575	2.01169				
c 30463-003	MAID OF ERIN	114/P/10/E:NE-007	50.55	136.58	FALCONBRIDGE: J OLIVER & J WILSON	LIMESTONE	PERMIAN	SKARN	GL	19.139	15.607	38.498	0.81545	2.01149				
c 30463-003D	MAID OF ERIN	114/P/10/E:NE-007	50.55	136.58	FALCONBRIDGE: J OLIVER & J WILSON	LIMESTONE	PERMIAN	SKARN	GL	19.140	15.607	38.508	0.81541	2.01176				
c 30463-003A	MAID OF ERIN (N=2)	114/P/10/E:SE-007	50.55	136.58	FALCONBRIDGE: J OLIVER & J WILSON	LIMESTONE	PERMIAN	SKARN	GL	19.140	15.607	38.502	0.81543	2.01163				
c 30463-004	MAID OF ERIN	114/P/10/E:NE-007	50.55	136.58	FALCONBRIDGE: J OLIVER & J WILSON	LIMESTONE	PERMIAN	SKARN	GL	19.122	15.588	38.434	0.81508	2.00989				
o 30480-001	JOE AND ANDY	092/L/02/E:SE-	50.22	128.53	D CALLFIELD: PANCAN DEVELOPMENT	KARMUTSEN /QUATSINO FM		SKARN	GL	18.404	15.536	38.045	0.84416	2.08721				
o 30483-001	BROWN JUG	092/E/08/W:SE-016	49.47	126.42	A ANDREW 1987: BJ			VEIN	GL	18.957	15.614	38.551	0.82385	2.03380				
o 30484-001	ZEBALLOS (CENTRAL)	092/L/02/W:SE-018	50.03	126.78	A ANDREW 1987: CZ	ZEBALLOS PLUTON	TERTIARY	VEIN	GL	18.980	15.606	38.568	0.82223	2.03203				
o 30484-002	ZEBALLOS (BRAGG)	092/L/02/W:SE-018	50.03	126.78	A ANDREW 1987: BP	ZEBALLOS PLUTON	TERTIARY	VEIN	GL	19.005	15.611	38.588	0.82142	2.03041				
o 30486-001	COWICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.06	C GODWIN: G79CL-001, UBC E COLL #388: ANDREW 1982	SICKER FORMATION?	DEVONIAN -PERMIAN?	VOLCANOGENIC? PB ZN	GL	18.646	15.581	38.276	0.83562	2.05277				
o 30486-002	COWICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.06	C GODWIN: G79CL-002, UBC E COLL #388: ANDREW 1982	SICKER FORMATION?	DEVONIAN -PERMIAN?	VOLCANOGENIC? PB ZN	GL	18.668	15.589	38.396	0.83515	2.05700				
o 30486-003	COWICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.06	C GODWIN: G79CL-003, UBC E COLL #388: ANDREW 1982	SICKER FORMATION?	DEVONIAN -PERMIAN?	VOLCANOGENIC? PB ZN	GL	18.702	15.546	38.086	0.83125	2.03847				
o 30486-00A	COWICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.06	A ANDREW 1987: LC		DEVONIAN	VOLCANOGENIC	GL	18.987	15.598	38.556	0.82238	2.03279				
o 30486-AVG#	COWICHAN LAKE (N=3)	092/C/09/E:NE-015	48.70	124.06	C GODWIN: G79CL-001, -002, -003: ANDREW 1982	SICKER FORMATION?	DEVONIAN -PERMIAN	VOLCANOGENIC? PB ZN	GL	18.871	15.572	38.253	0.83401	2.04875				
o 30490-001	SHOWING (SALMON ARM/SECHELT IN	092/F-G	49.00	124.00	J DAVIES: CRACK RESOURCES: 594-1993				GL	18.444	15.511	37.889	0.84098	2.05427				

c 30491-001	SHOWING	092/L/04/E:SW-	50.15	127.53	P CONROY		KARMUTSEN	TRIASSIC	?	GL	10.580	15.567	38.177	0.83751	2.05388
c 30813-001	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	IGC: T BLANCHET		KIM MONZONITE: BI-QTZ MONZ.	CRETACEOUS: 144±6 MA	VEIN	GL	10.570	15.531	38.093	0.83632	2.05128
c 30813-001R	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	IGC: T BLANCHET		KIM MONZONITE: BI-QTZ MONZ.	CRETACEOUS: 144±6 MA	VEIN	GL	10.569	15.566	38.182	0.83738	2.05399
c 30813-001R	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	IGC: T BLANCHET		KIM MONZONITE: BI-QTZ MONZ.	CRETACEOUS: 144±6 MA	VEIN	GL	10.579	15.555	38.159	0.83727	2.05395
c 30813-001A	KIM, BANKS ISLAND (N=3)	103/G/08/E:SE-038	53.37	130.13	IGC: T BLANCHET		KIM MONZONITE: BI-QTZ MONZ.	CRETACEOUS: 144±6 MA	VEIN	GL	10.579	15.551	38.145	0.83699	2.05307
c 30813-100	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	K DAWSON: DY3060		KIM MONZONITE: BI-QTZ MONZ.	CRETACEOUS: 144±6 MA	VEIN	GL	10.604	15.565	38.205	0.83662	2.05204
c 30814-001	BOB, BANKS ISLAND	103/G/08/E:SE-038	53.38	130.18	IGC: T BLANCHET		KIM MONZONITE: HB-BI QTZ MONZ.	CRETACEOUS: 144±6 MA	VEIN + SKARN	GL	10.592	15.558	38.188	0.83678	2.05307
c 30814-100	BOB, BANKS ISLAND	103/G/08/E:SE-038	53.38	130.18	K DAWSON: DY3058		KIM MONZONITE: HB-BI QTZ MONZ.	CRETACEOUS: 144±6 MA	VEIN + SKARN	GL	10.587	15.552	38.187	0.83670	2.05445
c 30814-AVG	BOB, BANKS ISLAND (N=2)	103/G/08/E:SE-038	53.38	130.18	BLANCHET, DAWSON		KIM MONZONITE: HB-BI MONZ	CRETACEOUS: 144±6 MA	VEIN + SKARN	GL	10.590	15.555	38.188	0.83678	2.05421
o 30699-001	ISLAND COPPER	092/L/11/W:NW-158	50.80	127.47	A ANDREW 1987: ISCU			JURASSIC	PORPHYRY	GL	10.527	15.555	38.088	0.83959	2.05581
o 30700-001	J&S	092/B/13/W:NW-	48.9N	123.78	A ANDREW 1987: JS				VEIN	GL	10.725	15.584	38.283	0.83226	2.04449
o 30701-001	IRON CLAD	092/B/13/E:NW-049	48.85	123.68	C GODWIN: G79IC-001, UBC E COLLECTION: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC? CU	GL	10.682	15.581	38.304	0.83401	2.05032
o 30702-001	MOUNT SICKER (LENORA)	092/B/13/W:NW-001	48.87	123.78	C GODWIN: G79LN-001, UBC E COLLECTION: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC PB ZN	GL	10.534	15.538	38.216	0.83835	2.05194
o 30702-002	MOUNT SICKER (LENORA)	092/B/13/W:NW-001	48.87	123.78	C GODWIN: G79LN-002, UBC E COLLECTION: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC PB ZN	GL	10.562	15.572	38.230	0.83692	2.05058
o 30702-003	MOUNT SICKER (TYEE)	092/B/13/W:NW-001	48.87	123.78	C GODWIN: G79TY-001, UBC E COLLECTION: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC PB ZN	GL	10.558	15.577	38.123	0.83937	2.05426
o 30702-AVG	MOUNT SICKER (LENORA) (N=2)	092/B/13/W:NW-001	48.87	123.78	C GODWIN, UBC E COLLECTION: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC	GL	10.548	15.555	38.223	0.83864	2.05078
o 30703-001	WESTMIN (MYRA)	092/F/12/E:NW-072	49.57	125.59	C GODWIN: G79MM-001: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.506	15.579	38.186	0.84183	2.05344
o 30703-002	WESTMIN (MYRA)	092/F/12/E:NW-072	49.57	125.59	C GODWIN: G79MM-002: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.488	15.554	38.089	0.84130	2.05020
o 30703-003	WESTMIN (MYRA)	092/F/12/E:NW-072	49.57	125.59	C GODWIN: G79MM-003: ANDREW 1982		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.484	15.551	38.115	0.84132	2.05205
o 30703-004	WESTMIN (MYRA)	092/F/12/E:NW-071	49.58	125.60	A ANDREW 1987: MY-001		SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.480	15.555	38.059	0.84172	2.05001
o 30703-AVG	WESTMIN (MYRA) (N=3)	092/F/12/E:NW-072	49.57	125.59	C GODWIN: G79MM-001, -002, -003		SICKER FM: VOLCANICS	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.493	15.561	38.130	0.84149	2.05190
o 30704-001	ALPHA AND BETA	092/C/09/E:NE-039	48.73	124.08	C GODWIN: G79AB-001, UBC E COLLECTION: ANDREW 1982		UNKNOWN	JURASSIC	SKARN CU FE	GL	10.682	15.581	38.408	0.82518	2.03400
o 30705-001	SUMAR (JORDAN RIVER)	092/C/08/E:SE-073	48.44	124.04	C GODWIN: G78JR-001		METCHOSIN FM: BASALT & GABBRO	TERTIARY	MAGMATIC? CU	SX	19.018	15.624	38.714	0.82154	2.03585
o 30735-001	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	A ANDREW 1987: HW-103: 20 LVL 049 HOLE 1698'		SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.544	15.574	38.177	0.83984	2.05872
o 30735-002	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	A ANDREW 1987: HW-104: 20 LVL 049 HOLE 1679'		SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.573	15.573	38.186	0.83847	2.05580
o 30735-003	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	A ANDREW 1987: HW-108: 20 LVL 049 HOLE 1088		SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.559	15.580	38.186	0.83949	2.05755
o 30735-003R	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	A ANDREW 1987: HW-108: 20 LVL 049 HOLE 1088		SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.548	15.580	38.200	0.84007	2.05974
o 30735-003A	WESTMIN (HW, N=2)	092/F/12/E:NW-071	49.57	125.57	A ANDREW 1987: HW-108: 20 LVL 049 HOLE 1088		SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.553	15.580	38.193	0.83976	2.05850
o 30735-AVG	WESTMIN (HW, N=3)	092/F/12/E:NW-071	49.57	125.57	A ANDREW 1987: HW-103, 104, 108: 20 LVL 049 HOLE		SICKER FORMATION	DEVONIAN -PERMIAN	VOLCANOGENIC CU PB ZN AU	GL	10.557	15.577	38.187	0.83941	2.05782
c 30808-001	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.54	D PERKINS: MC85: SHOW #7A			TRIASSIC	STRATIFORM	GL	10.651	15.571	38.114	0.83487	2.04354
c 30808-001R	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.54	D PERKINS: MC85: SHOW #7A			TRIASSIC	STRATIFORM	GL	10.646	15.569	38.101	0.83497	2.04340
c 30808-001A	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.54	D PERKINS: MC85: SHOW #7A			TRIASSIC	STRATIFORM	GL	10.649	15.570	38.108	0.83492	2.04347

c 30808-002	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.5A	D	PERKINS: MC85: SHOW #7A			TRIASSIC	STRATIFORM	GL	18.661	15.591	38.173	0.83550	2.04558
c 30808-002R	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.5A	D	PERKINS: MC85: SHOW #7A			TRIASSIC	STRATIFORM	GL	18.676	15.599	38.203	0.83523	2.04557
c 30808-002A	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.5A	D	PERKINS: MC85: SHOW #7A			TRIASSIC	STRATIFORM	GL	18.669	15.595	38.187	0.83536	2.04558
c 30809-001	MT HENRY CLAY (LOW JARVIS)	114/P/08/W:SE-071	59.40	136.49	D	PERKINS: MC85: SHOW #2	ANDESITE, BASALT, BLACK SHALE	LATE TRIASSIC	STRATIFORM		GL	18.788	15.560	38.234	0.82927	2.03504
c 30809-002	MT HENRY CLAY (LOW JARVIS)	114/P/08/W:SE-071	59.40	136.49	D	PERKINS: MC85: SHOW #2	ANDESITE, BASALT, BLACK SHALE	LATE TRIASSIC	STRATIFORM		GL	18.777	15.561	38.215	0.82976	2.03520
c 30809-AVG	MT HENRY CLAY (LOW JARVIS)	114/P/07/W:SE-071	59.40	136.49	D	PERKINS: MC85: SHOW #2	ANDESITE, BASALT, BLACK SHALE	LATE TRIASSIC	STRATIFORM		GL	18.783	15.561	38.225	0.82951	2.03512
c 30870-100	TEL, BANKS ISLAND	103/G/08/E:SE-039	53.37	130.16	K	DAWSON: DY 3066	MARBLE OF ALEXANDER TERRANE	PALEOZOIC ?	VEIN + REPLACEMENT		PY	18.622	15.562	38.228	0.83567	2.05283
c 30870-100D	TEL, BANKS ISLAND	103/G/08/E:SE-039	53.37	130.16	K	DAWSON: DY 3066	MARBLE OF ALEXANDER TERRANE	PALEOZOIC ?	VEIN + REPLACEMENT		PY	18.607	15.560	38.214	0.83627	2.05378
c 30870-100A	TEL, BANKS ISLAND (N=2)	103/G/08/E:SE-039	53.37	130.16	K	DAWSON: DY 3066	MARBLE OF ALEXANDER TERRANE	PALEOZOIC ?	VEIN + REPLACEMENT		PY	18.615	15.561	38.221	0.83597	2.05330
c 30870-102	TEL, BANKS ISLAND	103/G/08/E:SE-039	53.37	130.16	K	Dawson: DY 3249	ALEXANDER TERRANE: LIMESTONE	LATE PALEOZOIC	Replacement and skarn		GL	18.591	15.562	38.209	0.83706	2.05526
c 30889-101	LOW HERBERT	114/P/07/E:SE-064	59.38	136.50	K	DAWSON: DY 3144	FELSIC TUFFITE	LATE TRIASSIC (?)	STRATIFORM		GL	18.796	15.583	38.248	0.82906	2.03487
o 50003-501	RED DOG, ALASKA	147/C/02/W:SE-	68.07	162.83	USGS: 78ARD-1			EARLY CARBONIFEROUS	VOLCANOGENIC		GL	18.414	15.602	38.254	0.84729	2.07744
o 50003-502	RED DOG, ALASKA	147/C/02/W:SE-	68.07	162.83	USGS: RD-638			EARLY CARBONIFEROUS	VOLCANOGENIC		GL	18.409	15.598	38.238	0.84730	2.07714
o 50003-AVG	RED DOG, ALASKA (N=2)	147/C/02/W:SE-	68.07	162.83	USGS: 78ARD-1, RD-638			EARLY CARBONIFEROUS	VOLCANOGENIC		GL	18.411	15.600	38.246	0.84732	2.07735
c 50004-001	US BOULDERADO, ALASKA	114/P/08/W:SE-	59.40	136.48	D	PERKINS: MC85: SHOW #14			TRIASSIC	STRATIFORM	GL	18.809	15.582	38.235	0.82841	2.03284
o 50005-501	DRENCHWATER, ALASKA	147/A/10/E:NE-	68.58	158.71	USGS: 77ANK-13H			EARLY CARBONIFEROUS	VOLCANOGENIC		GL	18.428	15.609	38.351	0.84703	2.08113
o 50008-007	LA PELOUSE, ALASKA	114/I/10/W:NE-	58.80	136.93	A	SINCLAIR: S78LP-007	ULTRAMAFIC	TERTIARY	MAGMATIC CU-NI		SX	19.277	15.638	38.883	0.81123	2.01707
o 50008-887	LA PELOUSE, ALASKA	114/I/10/W:NE-	58.80	136.93	A	SINCLAIR: S78LP-887	ULTRAMAFIC	TERTIARY	MAGMATIC CU NI		SX	18.810	15.610	38.810	0.82988	2.08326
o 50008-AVG	LA PELOUSE, ALASKA (N=2)	114/I/10/W:NE-	58.80	136.93	A	SINCLAIR	ULTRAMAFIC	TERTIARY	MAGMATIC CU NI		SX	19.044	15.624	38.847	0.82042	2.03986
o 50007-001	TARR INLET KNOB, ALASKA	114/P/02/W:SW-	59.02	137.01	USGS (AJS): S78TI-001			TERTIARY: KAR=22MA	PORPHYRY?		GL	19.024	15.564	38.439	0.81812	2.02055
o 50008-001	MARGARIE GLACIER, ALASKA	114/P/03/E:SW-	59.02	137.07	USGS (AJS): S78MG-001			TERTIARY: KAR=22MA	PORPHYRY		GL	19.038	15.579	38.586	0.81831	2.02879
o 50020-001	ORANGE POINT, ALASKA	114/I/15/W:NE-	58.90	136.99	A	SINCLAIR: S78OP-001		LATE CARB -PERM: 270MA	VOLCANOGENIC		GL	18.294	15.520	37.987	0.84837	2.07538
o 50020-002	ORANGE POINT, ALASKA	114/I/15/W:NE-	58.90	136.99	A	SINCLAIR: S78OP-002		LATE CARB -PERM: 270MA	VOLCANOGENIC		GL	18.321	15.613	37.981	0.85219	2.07199
o 50020-AVG	ORANGE POINT, ALASKA (N=2)	114/I/15/W:NE-	58.90	136.99	A	SINCLAIR		LATE CARB -PERM: 270MA	VOLCANOGENIC		GL	18.308	15.566	37.984	0.85023	2.07363
c 50056-101	GLACIER CREEK	114/P/08/W:SE-	59.40	136.39	K	DAWSON: DY 3174	TUFF, ANDESITIC FLOWS, BASALT, PHYLLITE, LIMESTONE	LATE TRIASSIC (?)	STRATIFORM VEIN (?)		GL	18.839	15.580	38.240	0.82701	2.02981
c 50056-102	GLACIER CREEK (MAIN)	114/P/08/W:SE-	59.40	136.39	K	DAWSON: DY 3179	TUFF, ANDESITIC FLOWS, BASALT, PHYLLITE, LIMESTONE	LATE TRIASSIC (?)	STRATIFORM		GL	18.816	15.584	38.243	0.82823	2.03252
c 50056-AVG	GLACIER CREEK (N=2)	114/P/08/W:SE-	59.40	136.39	K	DAWSON: DY 3174, 3179	TUFF, ANDESITIC FLOWS, BASALT, PHYLLITE, LIMESTONE	LATE TRIASSIC (?)	STRATIFORM		GL	18.827	15.582	38.242	0.82727	2.03116
c 50057-101	CAP	114/P/08/W:SE-	59.38	136.39	K	DAWSON: DY 3184	FELSIC TUFFITE	LATE TRIASSIC (?)	STRATIFORM		GL	18.761	15.542	38.101	0.82842	2.03091

TABLE 5.5C.
Location, References, Host Units, and Deposit Type for Samples in the Cascade Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
c 30000-001	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	UBC E Collection: E73.004.048	Unknown	PERMIAN -TRIASSIC	Vein	GL	18.722	15.576	38.263	0.83197	2.04374
c 30000-002	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	UBC E Collection: Suite 60, drawer 3	Unknown, possibly diorite	PERMIAN -TRIASSIC	Vein	GL	19.012	15.656	38.785	0.82346	2.04003
c 30000-002R	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	UBC E Collection: Suite 60, drawer 3	Unknown, possibly diorite	PERMIAN -TRIASSIC	Vein	GL	19.016	15.657	38.787	0.82338	2.03974
c 30000-002D	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	UBC E Collection: Suite 60, drawer 3	Unknown, possibly diorite	PERMIAN -TRIASSIC	Vein	GL	19.013	15.656	38.781	0.82343	2.03972
c 30000-002A	BRALORNE PIONEER (N=2)	092/J/15/W:NE-001	50.77	122.80	UBC E Collection: Suite 60, drawer 3	Unknown, possibly diorite	PERMIAN -TRIASSIC	Vein	GL	19.014	15.656	38.784	0.82342	2.03982
c 30000-003	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	C Leitch: C118-14 (&13)	Bralorne Diorite	PERMIAN -TRIASSIC	Vein	GL	18.727	15.579	38.278	0.83188	2.04400
c 30000-004	BRALORNE (IDA MAY, BLACKBIRD)	092/J/15/W:NE-002	50.76	122.79	UBC E Collection: E73.004.047	Bralorne Diorite	PERMIAN -TRIASSIC	Vein	GL	18.652	15.526	38.082	0.83240	2.04170
c 30001-001	PIONEER	092/J/15/W:NE-004	50.76	122.77	UBC E Collection: E3519	Pioneer greenstone or soda granite	PERMIAN -TRIASSIC	Vein	GL	18.772	15.637	39.021	0.83298	2.07863
c 30001-001R	PIONEER	092/J/15/W:NE-004	50.76	122.77	UBC E Collection: E3519	Pioneer greenstone or soda granite	PERMIAN -TRIASSIC	Vein	GL	18.779	15.637	39.015	0.83271	2.07764
c 30001-001D	PIONEER	092/J/15/W:NE-004	50.76	122.77	UBC E Collection: E3519	Pioneer greenstone or soda granite	PERMIAN -TRIASSIC	Vein	GL	18.769	15.634	39.022	0.83295	2.07906
c 30001-001A	PIONEER (N=3)	092/J/15/W:NE-004	50.76	122.77	UBC E Collection: E3519	Pioneer greenstone or soda granite	PERMIAN -TRIASSIC	Vein	GL	18.777	15.638	39.019	0.83288	2.07878
c 30001-002	PIONEER	092/J/15/W:NE-004	50.76	122.77	UBC E Collection	Soda granite or Pioneer greenstone	PERMIAN -TRIASSIC	Vein	GL	18.709	15.564	38.197	0.83193	2.04164
c 30002-001	P.E. GOLD (PIONEER EXTENSION)	092/J/15/W:NE-009	50.75	122.75	C Leitch: C049.	Cadwallader Gp: Pioneer Fm	PERMIAN -TRIASSIC	Vein	GL	18.423	15.581	37.951	0.84577	2.05058
c 30002-001R	P.E. GOLD (PIONEER EXTENSION)	092/J/15/W:NE-009	50.75	122.75	C Leitch: C049.	Cadwallader Gp: Pioneer Fm	PERMIAN -TRIASSIC	Vein	GL	18.498	15.648	38.119	0.84597	2.06074
c 30002-001D	P.E. GOLD (PIONEER EXTENSION)	092/J/15/W:NE-009	50.75	122.75	C Leitch: C049.	Cadwallader Gp: Pioneer Fm	PERMIAN -TRIASSIC	Vein	GL	18.368	15.529	37.833	0.84543	2.05873
c 30002-001A	P.E. GOLD (PIONEER EXTN, N=3)	092/J/15/W:NE-009	50.75	122.75	C Leitch: C049.	Cadwallader Gp: Pioneer Fm	PERMIAN -TRIASSIC	Vein	GL	18.426	15.586	37.971	0.84573	2.06035
c 30003-001	BRX (ARIZONA)	092/J/15/W:NE-024	50.84	122.84	UBC E Collection: Suite 79	Soda granite ?	PERMIAN -TRIASSIC	Vein	GL	18.998	15.634	38.681	0.82292	2.03607
c 30004-001	VERITAS	092/J/15/W:NE-031	50.84	122.91	B COOKE		LATE TRIASSIC	VEIN	GL	18.264	15.373	37.328	0.84172	2.04384
c 30004-001R	VERITAS	092/J/15/W:NE-031	50.84	122.91	B COOKE		LATE TRIASSIC	VEIN	GL	18.666	15.589	38.185	0.83515	2.04576
o 30306-001	NIFTY	093/D/09/W:NE-008	52.58	126.41	G WOODSWORTH, GEOL SURV CAN	VOLCANIC	JURASSIC -CRETACEOUS	VOLCANOGENIC	GL	18.818	15.622	38.427	0.83016	2.04203
o 30322-001	TCHAIKAZAN	092/O/04/E:SW-043	51.16	123.85	C GODWIN: OLIVER 1982	VOLCANICS?	JURASSIC -CRETACEOUS?	VEIN: AU AG TE	GL	18.549	15.546	37.980	0.83810	2.04755
c 30337-001	WATERLOO	092/J/15/W:NE-019	50.80	122.77	B COOKE	BRIDGE RIVER GP	PERMIAN -LATE JURASSIC		GL	18.418	15.191	37.020	0.82482	2.01001
o 30346-001	ROBSON (BONANZA BASIN)	092/O/02/W:SE-	51.02	122.88	UBC E COLLECTION: #492	UNKNOWN	CRET: TERT RELATED?	VEIN: AU AG SB PB	GL	18.940	15.594	38.405	0.82334	2.02772
o 30346-002	ROBSON (BONANZA BASIN)	092/O/02/W:SE-026	51.02	122.88	C GODWIN: OLIVER 1982	UNKNOWN SEDIMENTS	LATE TRIAS: TERT RELATED?	VEIN	GL	18.959	15.629	38.805	0.82436	2.03624
o 30346-003	ROBSON (BONANZA BASIN)	092/O/02/W:SE-026	51.02	122.88	G GIBSON	ALASKITE	TERTIARY?	VEIN	GL	18.942	15.597	38.461	0.82341	2.03046
o 30350-001	BRX (CALIFORNIA)	092/J/15/W:NE-020	50.83	122.83	UBC E COLLECTION #ES79	SHEAR BETW. PIONEER FM: GREENSTONE: DIORITE	JURASSIC?	VEIN	GL	18.968	15.574	38.529	0.82107	2.03126
c 30379-001	MINTO	092/J/15/W:NE-075	50.90	122.75	B COOKE	BRIDGE RIVER GP: ARGILLITE, CHERT	LATE TRIASSIC	VEIN	GL	19.077	15.649	38.775	0.82031	2.03257

c 30379-001R	MINTO	092/J/15/W:NE-075	50.90	122.75	B	COOKE		BRIDGE RIVER GP: ARGILLITE, CHERT	LATE TRIASSIC	VEIN	GL	19.048	15.621	38.678	0.82008	2.03054
c 30379-001A	MINTO (N=2)	092/J/15/W:NE-075	50.90	122.75	B	COOKE		BRIDGE RIVER GP: ARGILLITE, CHERT	LATE TRIASSIC	VEIN	GL	19.063	15.635	38.727	0.82020	2.03155
c 30379-101	MINTO	092/J/15/W:NE-075	50.90	122.75	K	Dawson: DY3233		BRIDGE RIVER GP: ARGILLITE, CHERT	LATE TRIASSIC	Vein	GL	19.042	15.612	38.633	0.81986	2.02887
c 30380-001	GULLY VEIN	092/J/15/W:NE-075	50.90	122.75	B	COOKE		BRIDGE RIVER GP	PERMIAN -LATE JURASSIC	VEIN	GL	18.996	15.614	38.640	0.82197	2.03409
c 30380-001R	GULLY VEIN	092/J/15/W:NE-075	50.90	122.75	B	COOKE		BRIDGE RIVER GP	PERMIAN -LATE JURASSIC	VEIN	GL	18.998	15.608	38.628	0.82145	2.03320
c 30380-001A	GULLY VEIN (N=2)	092/J/15/W:NE-075	50.90	122.75	B	COOKE		BRIDGE RIVER GP	PERMIAN -LATE JURASSIC	VEIN	GL	18.997	15.610	38.634	0.82171	2.03364
o 30391-001	LUCKY JEM	092/J/15/W:NE-032	50.99	122.89	B	MCMILLAN: LUCKY JEM A: OLIVER 1982		UNKNOWN	LATE TRIASSIC?	VEIN	GL	18.545	15.671	38.126	0.84503	2.05586
o 30392-001	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	B A	MCMILLAN: LUCKY STRIKE		UNKNOWN	LATE TRIASSIC?	VEIN	SL	18.944	15.589	38.488	0.82290	2.03187
o 30392-002	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	B B	MCMILLAN: LUCKY STRIKE		UNKNOWN	LATE TRIASSIC?	VEIN	GL	18.875	15.561	38.377	0.82442	2.03322
o 30392-003	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	B D	MCMILLAN: LUCKY STRIKE		UNKNOWN	LATE TRIASSIC?	VEIN	JS	18.919	15.596	38.534	0.82436	2.03679
o 30392-004	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	B E	MCMILLAN: LUCKY STRIKE		UNKNOWN	LATE TRIASSIC?	VEIN	GL	18.940	15.627	38.618	0.82508	2.03897
o 30392-004R1	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	B E	MCMILLAN: LUCKY STRIKE		UNKNOWN	LATE TRIASSIC?	VEIN	GL	18.939	15.615	38.476	0.82449	2.03158
o 30392-004A	LUCKY STRIKE (N=2)	092/J/15/W:NE-045	50.98	122.86	B E	MCMILLAN: LUCKY STRIKE		UNKNOWN	LATE TRIASSIC?	VEIN	GL	18.940	15.621	38.547	0.82476	2.03522
o 30392-AVG#	LUCKY STRIKE (N=4)	092/J/15/W:NE-045	50.98	122.86	B A	MCMILLAN: LUCKY STRIKE TO D: 30392-001 TO 004		UNKNOWN	LATE TRIASSIC?	VEIN	GL	18.923	15.598	38.499	0.82429	2.03451
o 30433-001	CLOUD 1	092/H/05/W:SW-	49.38	121.90	B	PRICE		UNKNOWN	MIDDLE JURASSIC	VEIN	GL	18.151	15.620	38.161	0.86056	2.10242
o 30454-001	SILVER QUEEN (PATRICK)	092/J/08/E:SE-016	50.34	122.03	B	PRICE		RHYOLITE: QUARTZ MONZONITE INTRUSIVE	TERTIARY	VEIN	GL	18.818	15.576	38.203	0.82772	2.03013
o 30458-001	IRON DUKE (LOC APPROXIMATE)	092/J/07/W:SE-	49.32	122.57	B	PRICE: 1500FT, ABOVE LILLOOET R RD 1 MI E OF LAKE		FIRE LAKE GROUP VOLCANICS	L JURASSIC - E CRETACEOUS	VEIN IN VOLCANICS	GL	18.603	15.582	38.260	0.83761	2.05666
o 30489-001	WEAVER (LOC APPROXIMATE)	092/H/05/W:SW-069	49.36	121.88	B	COOKE		UNKNOWN	JURASSIC	VOLCANOGENIC	GL	18.429	15.573	38.091	0.84503	2.06891
o 30489-002	WEAVER (LOC APPROXIMATE)	092/H/05/W:SW-069	49.36	121.88	B	COOKE		UNKNOWN	JURASSIC	VOLCANOGENIC	GL	18.392	15.562	37.977	0.84613	2.06487
c 30605-001	MAGGIE (WAR EAGLE)	092/G/11/E:NW-042	49.64	123.04	C	GODWIN		GAMBIER GP: TUFFS	JURASSIC -CRETACEOUS	VOLCANOGENIC	GL	18.459	15.542	38.026	0.84198	2.06005
c 30605-001R	MAGGIE (WAR EAGLE)	092/G/11/E:NW-042	49.64	126.04	C	GODWIN		GAMBIER GP: TUFFS	JURASSIC -CRETACEOUS	VOLCANOGENIC	GL	18.450	15.532	37.975	0.84186	2.05830
c 30605-001R	MAGGIE (WAR EAGLE)	092/G/11/E:NW-042	49.64	123.04	C	GODWIN		GAMBIER GP: TUFFS	JURASSIC -CRETACEOUS	VOLCANOGENIC	GL	18.441	15.527	37.992	0.84198	2.06017
c 30605-001A	MAGGIE (WAR EAGLE) (N=3)	092/G/11/E:NW-042	49.64	123.04	C	GODWIN		GAMBIER GP: TUFFS	JURASSIC -CRETACEOUS	VOLCANOGENIC	GL	18.456	15.536	38.022	0.84184	2.06020
o 30605-005	MAGGIE (WAR EAGLE)	092/G/11/W:NW-	49.64	123.04	C	GODWIN: G79HP-001		GAMBIER GP: TUFFS	JURASSIC -CRETACEOUS	VOLCANOGENIC ?CU-ZN-PB	GL	18.532	15.589	38.093	0.84173	2.05553
o 30606-001	BIG FOOT	092/H/05/W:SW-094	49.43	121.85	C	GODWIN: G798F-001		HARRISON FORMATION VOLCANICS	JURASSIC	VOLCANOGENIC: STOCKWORK	GL	18.494	15.525	38.030	0.83946	2.05634
o 30606-002	BIG FOOT	092/H/05/W:SW-094	49.43	121.85	C	GODWIN: G798F-002		HARRISON FORMATION VOLCANICS	JURASSIC	VOLCANOGENIC: STOCKWORK	GL	18.498	15.550	38.077	0.84072	2.05868
c 30606-003	BIG FOOT	092/H/05/W:SW-094	49.43	121.85	C	GODWIN		HARRISON LAKE FM: ANDESITE -RHYOLITE	MID JURASSIC	VOLCANOGENIC	GL	18.476	15.550	38.099	0.84168	2.06213
o 30606-AVG	BIG FOOT (N=2)	092/H/05/W:SW-094	49.43	121.85	C	GODWIN		HARRISON FORMATION VOLCANICS	JURASSIC	VOLCANOGENIC: STOCKWORK	GL	18.495	15.538	38.054	0.84002	2.05750
c 30608-001	PROVIDENCE, HARRISON LAKE	092/H/12/W:NW-030	49.62	121.95	G	RAY		HARRISON LAKE FM: ANDESITE -RHYOLITE	MID JURASSIC	VEIN	GL	18.939	15.612	38.582	0.82431	2.03719
c 30608-001R	PROVIDENCE, HARRISON LAKE	092/H/12/W:NW-030	49.62	121.95	G	RAY		HARRISON LAKE FM: ANDESITE -RHYOLITE	MID JURASSIC	VEIN	GL	18.576	15.564	38.155	0.83784	2.05401

c 30609-001	SUMMIT	092/J/15/E:NE-035	50.87	122.52	G MCLAREN, NEWMONT	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.933	15.614	38.579	0.82471	2.03766
c 30609-002	SUMMIT	092/J/15/E:NE-035	50.87	122.52	G MCLAREN, NEWMONT	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.909	15.584	38.538	0.82416	2.03804
c 30609-002R	SUMMIT	092/J/15/E:NE-035	50.87	122.52	G MCLAREN, NEWMONT	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.941	15.617	38.587	0.82451	2.03724
c 30609-002A	SUMMIT (N=2)	092/J/15/E:NE-035	50.87	122.52	G MCLAREN, NEWMONT	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.925	15.601	38.563	0.82433	2.03765
c 30609-003	SUMMIT	092/J/15/E:NE-035	50.87	122.52	G MCLAREN, NEWMONT	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.953	15.616	38.642	0.82392	2.03879
c 30609-004	SUMMIT	092/J/15/E:NE-035	50.87	122.52	G MCLAREN, NEWMONT	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.935	15.615	38.603	0.82465	2.03809
c 30609-AVG	SUMMIT (N=3)	092/J/15/E:NE-035	50.87	122.52	G MCLAREN, NEWMONT	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.943	15.616	38.611	0.82433	2.03885
c 30610-001	KELVIN	092/J/15/W:NE-	50.90	122.75	G MCLAREN,	FERGUSSON GP: BASALT, ARGILLITE	MID TRIASSIC OR OLDER	VEIN	GL	18.985	15.613	38.617	0.82237	2.03415
c 30611-001	PEERLESS	092/J/15/W:NE-076	50.93	122.79	G MCLAREN, NEWMONT	FERGUSSON GP: ARGILLITE, FELSIC VOLCANICS	MID TRIASSIC OR OLDER	VEIN	GL	18.929	15.587	38.543	0.82402	2.03625
c 30611-001R	PEERLESS	092/J/15/W:NE-076	50.93	122.79	G MCLAREN, NEWMONT	FERGUSSON GP: ARGILLITE, FELSIC VOLCANICS	MID TRIASSIC OR OLDER	VEIN	GL	18.941	15.610	38.578	0.82414	2.03668
c 30611-001A	PEERLESS (N=2)	092/J/15/W:NE-076	50.93	122.79	G MCLAREN, NEWMONT	FERGUSSON GP: ARGILLITE, FELSIC VOLCANICS	MID TRIASSIC OR OLDER	VEIN	GL	18.935	15.603	38.555	0.82408	2.03647
c 30612-001	OLYMPIC	092/J/15/W:NE-092	50.92	122.73	G MCLAREN, NEWMONT	FERGUSSON GP: BASIC VOLCS, SEDIMENTS	MID TRIASSIC OR OLDER	VEIN IN SHEAR ZONE	GL	18.988	15.616	38.611	0.82238	2.03341
c 30612-102	OLYMPIC	092/J/15/W:NE-092	50.88	122.73	K Dawson: DY 3239	BRIDGE RIVER GP: BASALT, CHERT BRECCIA	PERMIAN -LATE JURASSIC	Vein	GL	18.982	15.621	38.649	0.82248	2.03501
c 30620-002	SKWIM LAKE (LINDA 14)	092/K/01/E:SE-082	50.01	124.10	ANACONDA: G CARLSON: L1+50S, 0+10W	ARGILLITE	UNKNOWN	VEIN	GL	18.609	15.542	38.151	0.83521	2.05016
c 30620-002R	SKWIM LAKE (LINDA 14)	092/K/01/E:SE-082	50.01	124.10	ANACONDA: G CARLSON: L1+50S, 0+10W	ARGILLITE	UNKNOWN	VEIN	GL	18.622	15.560	38.192	0.83557	2.05088
c 30620-002A	SKWIM LAKE (LINDA 14, N=2)	092/K/01/E:SE-082	50.01	124.10	ANACONDA: G CARLSON: L1+50S, 0+10W	ARGILLITE	UNKNOWN	VEIN	GL	18.616	15.551	38.172	0.83539	2.05052
c 30620-004	SKWIM LAKE (MT DIADEM)	092/K/01/E:SE-084	50.01	124.09	ANACONDA: G CARLSON: L4+75N, 3+10E	TUFF, SILTSTONE	UNKNOWN	VEIN	GL	18.654	15.569	38.232	0.83481	2.04951
c 30620-004D	SKWIM LAKE (MT DIADEM)	092/K/01/E:SE-084	50.01	124.09	ANACONDA: G CARLSON: L4+75N, 3+10E	TUFF, SILTSTONE	UNKNOWN	VEIN	GL	18.656	15.567	38.231	0.83443	2.04825
c 30620-004R	SKWIM LAKE (MT DIADEM)	092/K/01/E:SE-084	50.01	124.09	ANACONDA: G CARLSON: L4+75N, 3+10E	TUFF, SILTSTONE	UNKNOWN	VEIN	GL	18.653	15.564	38.218	0.83442	2.04892
c 30620-004A	SKWIM LAKE (MT DIADEM, N=3)	092/K/01/E:SE-084	50.01	124.09	ANACONDA: G CARLSON: L4+75N, 3+10E	TUFF, SILTSTONE	UNKNOWN	VEIN	GL	18.654	15.567	38.227	0.83449	2.04923
c 30620-AVG	SKWIM LAKE (N=2)	092/K/01/E:SE-	50.01	124.09	ANACONDA: G CARLSON	ARGILLITE, TUFF, SILTSTONE	UNKNOWN	VEIN	GL	18.635	15.559	38.120	0.83525	2.04987
c 30621-001	MATSON	092/J/16/E:NE-126	50.77	122.21	N CARTER	BRIDGE RIVER GP: SEDIMENTS	TRIASSIC	VEIN	GL	18.831	15.591	38.423	0.82792	2.04038
c 30621-001R1	MATSON	092/J/16/E:NE-126	50.77	122.21	N CARTER	BRIDGE RIVER GP: SEDIMENTS	TRIASSIC	VEIN	GL	18.843	15.615	38.492	0.82869	2.04279
c 30621-001D	MATSON	092/J/16/E:NE-126	50.77	122.21	N CARTER	BRIDGE RIVER GP: SEDIMENTS	TRIASSIC	VEIN	GL	18.832	15.588	38.422	0.82773	2.04025
c 30621-001A	MATSON (N=2)	092/J/16/E:NE-126	50.77	122.21	N CARTER	BRIDGE RIVER GP: SEDIMENTS	TRIASSIC	VEIN	GL	18.832	15.590	38.423	0.82783	2.04032
c 30622-001	JO	092/G/16/W:NE-	49.95	122.48	C BISHOP: CB-100	FIRE LAKE GP	L JURASSIC -E CRETACEOUS	VEIN	GL	18.712	15.561	38.249	0.83163	2.04417
o 30721-001	FITZSIMMONS CREEK	092/J/02/W:SE-013	50.12	122.93	C GODWIN: G79AL-001	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC	GL	18.466	15.525	38.047	0.84073	2.05038

o 30722-001	BRITANNIA (EAST BLUFF)	092/G/11/E:NW-036	49.61	123.14	C GODWIN: BRTN-473, EAST BLUFF: UBC E COLLECTION	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.531 15.573 38.097 0.84038 2.05585 ZN PB BA								
o 30722-002	BRITANNIA (VICTORIA)	092/G/11/E:NW-003	49.60	123.13	C GODWIN: BRTN-494, VICTORIA: UBC E COLLECTION	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.459 15.556 37.952 0.84273 2.05602 ZN PB BA								
o 30722-003	BRITANNIA (VICTORIA)	092/G/11/E:NW-003	49.60	123.13	C GODWIN: BRTN-495, VICTORIA: UBC E COLLECTION	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.524 15.579 38.221 0.84102 2.06332 ZN PB BA								
o 30722-004	BRITANNIA (JANE)	092/G/11/E:NW-036	49.61	123.14	C GODWIN: BRTN-496, JANE: UBC E COLLECTION	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.502 15.548 38.054 0.84034 2.05675 ZN PB BA								
o 30722-005	BRITANNIA (BLUFF)	092/G/11/E:NW-036	49.61	123.14	C GODWIN: G79BT-001, BLUFF: UBC E COLLECTION	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.484 15.521 38.035 0.83970 2.05773 ZN PB BA								
o 30722-006	BRITANNIA (NO 5)	092/G/11/E:NW-036	49.61	123.14	C GODWIN: G78BT-002, NO 5: UBC E COLLECTION	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.544 15.591 38.145 0.84076 2.05700 ZN PB BA								
o 30722-007	BRITANNIA (NO 8)	092/G/11/E:NW-036	49.61	123.14	C GODWIN: G78BT-003, NO 8: UBC E COLLECTION	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.502 15.568 38.092 0.84142 2.05880 ZN PB BA								
o 30722-AVG	BRITANNIA (N=7)	092/G/11/E:NW-036	49.61	123.14	C GODWIN, G78BT-001, -002,-003, BRTN-473,-494,-495,-496	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC CU GL 18.507 15.562 38.095 0.84091 2.05793 ZN PB BA								
o 30724-001	LYNN CREEK	092/G/06/E:SW-003	49.42	123.06	C GODWIN: G78LC-001, UBC E COL	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC? GL 18.474 15.529 38.028 0.84059 2.05846 ZN PB CU								
o 30725-001	MCVICAR (RUTH)	092/G/11/E:NW-006	49.66	123.02	C GODWIN: G79MV-001	GAMBIER GP: VOLCANICS, SCHIST	JURASSIC -CRETACEOUS	VOLCANOGENIC GL 18.408 15.545 37.976 0.84447 2.06302								
o 30725-002	MCVICAR (WHISTLER)	092/G/11/E:NW-006	49.66	123.02	C GODWIN: G79MV-002	GAMBIER GP: VOLCANICS, SCHIST	JURASSIC -CRETACEOUS	VOLCANOGENIC GL 18.467 15.549 38.058 0.84199 2.06087								
o 30725-5011	MCVICAR	092/G/11/E:NW-006	49.66	123.02	RUSSELL & FARQUHAR 1960: MV643	GAMBIER GP: VOLCANICS, SCHIST	JURASSIC -CRETACEOUS	VOLCANOGENIC GL 18.743 16.005 38.661 0.85392 2.06289								
o 30725-AVG	MCVICAR (RUTH, WHISTLER, N=2)	092/G/11/E:NW-006	49.66	123.02	C GODWIN	GAMBIER GP: VOLCANICS, SCHIST	JURASSIC -CRETACEOUS	VOLCANOGENIC GL 18.438 15.547 38.017 0.84323 2.06194								
o 30726-001	NORTHAIR (MANIFOLD)	092/J/03/E:SW-	50.13	123.10	C GODWIN: G78NA-001, MANIFOLD ZONE	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC ZN GL 18.378 15.511 37.960 0.84400 2.06551 PB AU								
o 30726-002	NORTHAIR (DISCOVERY)	092/J/03/E:SW-	50.13	123.10	C GODWIN: G78NA-002, DISCOVERY ZONE	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC ZN GL 18.472 15.537 38.101 0.84111 2.06264 PB AU								
o 30726-003	NORTHAIR (WARMAN)	092/J/03/E:SW-012	50.13	123.10	C GODWIN: G78NA-003, WARMAN ZONE	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC ZN GL 18.441 15.517 38.034 0.84144 2.06247 PB AU								
o 30726-004	NORTHAIR (WARMAN)	092/J/03/E:SW-012	50.13	123.10	C GODWIN: G78NA-004, WARMAN ZONE	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VEIN? GL 18.429 15.527 38.012 0.84253 2.06262								
o 30726-AVG	NORTHAIR (N=4)	092/J/03/E:SW-012	50.13	123.10	C GODWIN	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC ZN GL 18.430 15.523 38.027 0.84227 2.06331 PB AU								
o 30727-001	VAN SILVER (TEDI PIT)	092/J/03/E:SW-001	50.08	123.14	C GODWIN: G78VS-001, TEDI PIT	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC? GL 18.427 15.556 38.079 0.84420 2.06848								
o 30727-002	VAN SILVER (MILL)	092/J/03/E:SW-025	50.06	123.13	C GODWIN: G78VS-002, MILL SHOWING	GAMBIER GP: VOLCANICS: TERTIARY BASALT	JUR -CRET AND TERT	VEIN GL 18.664 15.552 38.190 0.83326 2.04618								
o 30727-005	VAN SILVER (TUNNEL)	092/J/03/E:SW-003	50.06	123.14	C GODWIN: G78VS-005, TUNNEL SHOWING	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VEIN GL 18.712 15.583 38.223 0.83278 2.04270								
o 30727-006	VAN SILVER (TUNNEL)	092/J/03/E:SW-003	50.08	123.14	C GODWIN: G78VS-006, TUNNEL SHOWING	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC? GL 18.462 15.516 38.002 0.84043 2.05839								
o 30727-AVG	VAN SILVER (N=4)	092/J/03/E:SW-	50.08	123.14	C GODWIN	GAMBIER GP: VOLCANICS	JURASSIC -CRETACEOUS	VOLCANOGENIC? GL 18.566 15.552 38.123 0.83767 2.05344								
o 30729-001	CON	092/H/05/W:SW-	49.35	121.83	C GODWIN: G79HL-001 HARRISON LAKE	HARRISON FORMATION VOLCANICS	JURASSIC	VOLCANOGENIC: STOCKWORK GL 18.482 15.563 38.043 0.84206 2.05838								
o 30730-003	SENECA	092/H/05/W:SW-013	49.32	121.95	C GODWIN: G78SE-003	HARRISON FORMATION VOLCANICS	JURASSIC	VOLCANOGENIC ZN PB BA GL 18.312 15.516 37.895 0.84731 2.05941								
o 30730-005	SENECA	092/H/05/W:SW-013	49.32	121.95	C GODWIN: G78SE-005	HARRISON FORMATION VOLCANICS	JURASSIC	VOLCANOGENIC ZN PB BA GL 18.319 15.516 37.914 0.84699 2.05965								
o 30730-AVG	SENECA (N=2)	092/H/05/W:SW-013	49.32	121.95	C GODWIN	HARRISON FORMATION VOLCANICS	JURASSIC	VOLCANOGENIC ZN PB BA GL 18.316 15.516 37.905 0.84713 2.05950								

c 30868-101	DOCTORS POINT (NAGY)	092/H/12/W:NW-071	49.64	121.98	K	DAWSON: DY 3050	FELSIC VOLCANICS, GAMBIER GROUP EQUIVALENT	EARLY CRETACEOUS	VEIN	GL	18.785	15.570	38.313	0.82886	2.03953
c 30868-101D	DOCTORS POINT (NAGY)	092/H/12/W:NW-071	49.64	121.98	K	DAWSON: DY 3050	FELSIC VOLCANICS, GAMBIER GROUP EQUIVALENT	EARLY CRETACEOUS	VEIN	GL	18.805	15.585	38.380	0.82881	2.04099
c 30868-101A	DOCTORS POINT (NAGY, N=2)	092/H/12/W:NW-071	49.64	121.98	K	DAWSON: DY 3050	FELSIC VOLCANICS, GAMBIER GROUP EQUIVALENT	EARLY CRETACEOUS	VEIN	GL	18.795	15.577	38.347	0.82884	2.04026
c 30941-001	GREYROCK	092/J/15/E:NE-066	50.80	122.70	B	COOKE	BRIDGE RIVER GP	LATE TRIASSIC	VEIN	GL	18.906	15.612	38.565	0.82575	2.03984
c 30941-001R	GREYROCK	092/J/15/E:NE-066	50.80	122.70	B	COOKE	BRIDGE RIVER GP	LATE TRIASSIC	VEIN	GL	18.933	15.635	38.632	0.82581	2.04048
c 30941-001A	GREYROCK (N=2)	092/J/15/E:NE-066	50.80	122.70	B	COOKE	BRIDGE RIVER GP	LATE TRIASSIC	VEIN	GL	18.920	15.624	38.599	0.82578	2.04016
c 30961-001	GOLDEN SIDEWALK (BETA)	092/J/15/W:NE-015	50.66	122.64	B	COOKE	BRIDGE RIVER GP: ARGILLITE	LATE TRIASSIC	VEIN	GL	18.916	15.594	38.694	0.82437	2.04552
c 30961-001R	GOLDEN SIDEWALK (BETA)	092/J/15/W:NE-015	50.66	122.64	B	COOKE	BRIDGE RIVER GP: ARGILLITE	LATE TRIASSIC	VEIN	GL	18.925	15.608	38.576	0.82469	2.03830
c 30961-001A	GOLDEN SIDEWALK (BETA) (N=2)	092/J/15/W:NE-015	50.66	122.64	B	COOKE	BRIDGE RIVER GP: ARGILLITE	LATE TRIASSIC	VEIN	GL	18.920	15.601	38.635	0.82419	2.04190
c 30961-101	GOLDEN SIDEWALK (BETA)	092/J/15/W:NE-015	50.66	122.64	K	Dawson: DY 3243	BRIDGE RIVER GP: ARGILLITE	LATE TRIASSIC	Vein	GL	18.932	15.608	38.570	0.82444	2.03735
c 30961-AVG	GOLDEN SIDEWALK (BETA) (N=2)	092/J/15/W:NE-015	50.66	122.64	B	COOKE, K DAWSON	BRIDGE RIVER GP: ARGILLITE	LATE TRIASSIC	VEIN	GL	18.926	15.605	38.602	0.82437	2.03963

TABLE 5.5N.
Location, References, Host Units, and Deposit Type for Samples in the Intermontane Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
o 10072-001	DEB	105/D/05/W:SW-092	60.35	135.05	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	UNKNOWN	CRETACEOUS -TERTIARY?	VEIN	GL	19.101	15.644	38.852	0.81902	2.03403
o 10079-001	RAM	105/D/04/E:SW-105	60.20	135.73	P WATSON	YUKON GROUP SCHIST: TERT SKUKUM GP VOLCANICS	PRE-E CARB: TERT KAR=54MA	SKARN	GL	19.176	15.634	38.857	0.81529	2.02633
o 10079-002	RAM	105/D/04/E:SW-105	60.20	135.73	P WATSON	YUKON GROUP SCHIST: TERT SKUKUM GP VOLCANICS	PRE-E CARB: TERT KAR=54MA	SKARN	GL	19.151	15.737	39.327	0.82173	2.05352
o 10079-AVG	RAM (N=2)	105/D/04/E:SW-105	60.20	135.73	P WATSON	YUKON GROUP SCHIST: TERT SKUKUM GP VOLCANICS	PRE-E CARB: TERT KAR=54MA	SKARN	GL	19.164	15.686	39.092	0.81851	2.03987
o 10108-001	VENUS	105/D/02/E:SE-005	60.02	134.64	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DACITE FLOWS AND TUFFS: PLUTON	CRET: TERT RELATED 63.4MA	VEIN AU AS	GL	19.116	15.617	38.642	0.81696	2.02145
c 10108-002	VENUS	105/D/02/E:SE-005	60.02	134.64	D ALLDRICK: V-1	DACITE FLOWS AND TUFFS: PLUTON	CRET: TERT RELATED 63.4MA	VEIN, MESOTHERMAL	GL	19.082	15.610	38.630	0.81804	2.02446
c 10108-003	VENUS	105/D/02/E:SE-005	60.02	134.64	D ALLDRICK: V-2	DACITE FLOWS AND TUFFS: PLUTON	CRET: TERT RELATED 63.4MA	VEIN, MESOTHERMAL	GL	19.100	15.635	38.692	0.81860	2.02577
c 10108-004	VENUS	105/D/02/E:SE-005	60.02	134.64	D ALLDRICK: V-3	DACITE FLOWS AND TUFFS	CRET: TERT RELATED 63.4MA	VEIN, MESOTHERMAL	GL	19.102	15.641	38.716	0.81879	2.02673
o 10108-501	VENUS	105/D/02/E:SE-005	60.02	134.63	GEOL SURV CAN: 108230	DACITE FLOWS AND TUFFS: PLUTON	CRET: TERT RELATED 63.4MA	VEIN AU AS	GL	19.142	15.694	38.791	0.81987	2.02649
c 10108-AVG	VENUS (N=3)	105/D/02/E:SE-005	60.02	134.64	D ALLDRICK: V-1,2,3	DACITE FLOWS AND TUFFS	CRET: TERT RELATED 63.4MA	VEIN, MESOTHERMAL	GL	19.095	15.629	38.683	0.81848	2.02565
o 10108-AVG	VENUS (N=2)	105/D/02/E:SE-005	60.02	134.64	C GODWIN, GEOL SURV CAN	DACITE FLOWS AND TUFFS	CRET: TERT RELATED 63.4MA	VEIN AU AS	GL	19.129	15.655	38.716	0.81839	2.02394
o 30308-001	MARTIN	103/I/15/W:NE-020	54.01	128.93	C GODWIN	VOLCANIC	JURASSIC	VEIN	GL	18.887	15.583	38.412	0.82507	2.03378
o 30325-001	NICOLA (ENTERPRISE)	092/H/07/E:SE-121	49.30	120.53	UBC E COLLECTION: #44			VEIN: AU AG PB CU	GL	18.833	15.570	38.393	0.82674	2.03860
o 30326-001	ENGINEER MINE	104/M/08/E:SE-014	49.48	134.22	C GODWIN	UNKNOWN	CRET -TERT RELATED	VEIN AU	GL	19.455	15.791	39.608	0.81167	2.03588
o 30328-001	ALAMEADA	092/I/07/E:SE-096	50.27	120.68	C GODWIN, UBC E COLLECTION #ES66	NICOLA VOLCANICS?	LATE TRIASSIC	SKARN? VEIN?	GL	18.923	15.602	38.545	0.82450	2.03694
c 30328-002	OLD ALAMEADA 3 (SWAKUM MT)	092/I/07/E:SE-097	50.29	120.69	MA-85-51, MI NO. 94	NICOLA GP: LIMESTONE AND GREENSTONE	LATE TRIASSIC	VEIN/ REPLACEMENT	GL	18.871	15.583	38.418	0.82576	2.03586
o 30329-001	SAVONA GOLD MINE	092/P/02/W:SE-087	51.17	120.91	UBC E COLLECTION #ES82: OLIVER 1982	NICOLA VOLCANICS?	LATE TRIASSIC	VEIN	GL	18.597	15.568	38.203	0.83712	2.05426
o 30339-001	ROCHER DE BOULE	093/M/04/E:SW-071	55.16	127.64	UBC E COLLECTION #ES209, K HOPE	HAZELTON VOLC? GRANITE KAR=71.9MA?	JURASSIC	VEIN	GL	18.935	15.563	38.381	0.82192	2.02699
o 30351-001	CRONIN BABINE	093/L/15/W:NE-127	54.83	126.83	C GODWIN	HAZELTON GP: SEDIMENTS ARGILLITE	MIDDLE JURASSIC	VEIN	GL	18.592	15.603	38.360	0.83923	2.06325
o 30381-001	SHOWING	104/N/11/W:NE-	59.71	133.40	P CHRISTOPHER: A79810-79: OLIVER 1982: K ANDREW 1985		CRET -TERT RELATED	UNKNOWN	GL	19.068	15.623	38.747	0.81933	2.03204
o 30382-001	SHOWING	104/N/11/W:NE-	59.71	133.40	P CHRISTOPHER: A79816-116: OLIVER 1982: K ANDREW 1985		CRET -TERT RELATED?	UNKNOWN	GL	19.067	15.634	38.805	0.81995	2.03519

o	30388-001	KEYSTONE	092/H/11/E:NW-024	49.69	121.02	B	MCMILLAN: KEYSTONE ADIT A-11-ORE	EAGLE GRANODIORITE	EOCENE	VEIN	GL	18.801	15.564	38.334	0.82783	2.03893
o	30388-002	KEYSTONE	092/H/11/E:NW-024	49.69	121.02	B	MCMILLAN: KEYSTONE ADIT-11 ORE.	EAGLE GRANODIORITE	EOCENE	VEIN	GL	18.811	15.539	38.297	0.82606	2.03588
o	30388-AVG	KEYSTONE (N=2)	092/H/11/E:NW-024	49.69	121.02	B	MCMILLAN: KEYSTONE ADIT	EAGLE GRANODIORITE	EOCENE	VEIN	GL	18.806	15.551	38.315	0.82692	2.03738
o	30389-001	LB	092/I/02/E:SE-	50.05	120.74	B	MCMILLAN: LB	NICOLA: SEDIMENTS SILTSTONE	LATE TRIASSIC	VEIN	GL	18.766	15.570	38.329	0.82969	2.04247
o	30389-002	LB	092/I/02/E:SE-	50.05	120.74	B	MCMILLAN: LB	NICOLA: SEDIMENTS SILTSTONE	LATE TRIASSIC	VEIN	GL	18.760	15.580	38.303	0.83049	2.04174
o	30389-003	LB	092/I/02/E:SE-	50.05	120.74	B	MCMILLAN: LB	NICOLA: SEDIMENTS SILTSTONE	LATE TRIASSIC	VEIN	GL	18.564	15.544	38.203	0.83732	2.05791
o	30389-AVG	LB (N=2)	092/I/02/E:SE-	50.05	120.74	B	MCMILLAN: LB, 30389-002 & 003.	NICOLA: SEDIMENTS SILTSTONE	LATE TRIASSIC	VEIN	GL	18.662	15.562	38.253	0.83389	2.04978
o	30390-001	LEADVILLE SHAFT	092/I/02/W:SE-052	50.04	120.78	B	MCMILLAN: LEADVILLE SHAFT: OLIVER 1982	NICOLA: VOLCANICS?	LATE TRIASSIC	VEIN	GL	18.568	15.542	38.252	0.83703	2.06010
o	30396-001	CORONADO (SILVER STAR)	093/L/14/W:NW-232	54.76	127.37	C	GODWIN	HAZELTON GP: RHYOLITE TUFF	JURASSIC	VEIN	GL	18.920	15.593	38.425	0.82415	2.03092
o	30396-001	SHOWING	093/L/14/W:NW-	54.76	127.47	L	SOUKOSKI: OLIVER 1982	HAZELTON GP: QUARTZITE	JURASSIC?	CLASTIC HOSTED	GL	18.558	15.573	38.192	0.83915	2.05798
o	30403-001	CHISOLM	093/L/02/E:SE-216	54.08	126.72	C	GODWIN	HAZELTON VOLCANICS?	JURASSIC?	VEIN	GL	18.783	15.575	38.263	0.82921	2.03711
o	30403-002	CHISOLM	093/L/02/E:SE-216	54.08	126.72	B	RYAN	HAZELTON VOLCANICS?	JURASSIC?	VEIN	GL	18.798	15.587	38.367	0.82918	2.04101
o	30403-AVG	CHISOLM (N=2)	093/L/02/E:SE-216	54.08	126.72	C	GODWIN: 30403-001 & 002	HAZELTON VOLCANICS?	JURASSIC?	VEIN	GL	18.791	15.581	38.315	0.82917	2.03901
o	30404-001	LEAD EMPIRE	093/E/14/W:NW-008	53.79	127.40	D	HEBERLEIN: OLIVER 1982	HAZELTON VOLCANICS. RELATED TO 49 MA BERG PORPHYRY	JURASSIC	VEIN	GL	19.076	15.693	38.891	0.82266	2.03874
c	30404-001	LEAD EMPIRE	093/E/14/W:NW-008	53.79	127.40	D	HEBERLEIN	HAZELTON GP: RELATED TO 49 MA BERG PORPHYRY	JURASSIC	VEIN	GL	19.023	15.625	38.642	0.82139	2.03130
c	30404-001R	LEAD EMPIRE	093/E/14/W:NW-008	53.79	127.40	D	HEBERLEIN	HAZELTON GP: RELATED TO 49 MA BERG PORPHYRY	JURASSIC	VEIN	GL	19.018	15.624	38.630	0.82154	2.03125
c	30404-001A	LEAD EMPIRE (N=2)	093/E/14/W:NW-008	53.79	127.40	D	HEBERLEIN	HAZELTON GP: RELATED TO 49 MA BERG PORPHYRY	JURASSIC	VEIN	GL	19.020	15.625	38.636	0.82146	2.03127
o	30405-001	BERG	093/E/14/W:NW-046	53.79	127.42	D	HEBERLEIN: DDH89-83FT: OLIVER 1982	GRANITIC	K-AR: 46 YA	PORPHYRY	GL	19.026	15.621	38.559	0.82103	2.02665
o	30408-001	SILVER CREEK	094/E/06/E:SW-069	57.31	127.22	G	GIBSON: G-1	TODDOGGONE VOLCANICS: RHYOLITE PORPHYRY	EARLY -MIDDLE JURASSIC	VEIN	GL	18.871	15.625	38.409	0.82799	2.04011
o	30408-001	SILVER STANDARD	093/M/05/E:SW-049	55.32	127.63	C	GODWIN: G78TR-065: OLIVER 1982	HAZELTON VOLCANICS	JURASSIC: TERT RELATED	VEIN	GL	18.946	15.597	38.473	0.82323	2.03087
o	30408-002	SILVER STANDARD (BLACK PRINCE)	093/M/05/E:SW-049	55.32	127.63	C	GODWIN	HAZELTON VOLCANICS	JURASSIC: TERT RELATED	VEIN	GL	18.957	15.626	38.532	0.82429	2.03260
o	30408-4531	SILVER STANDARD	093/M/05/E:SW-049	55.32	127.63		RUSSELL AND FARQUHAR 1980: 2192453	HAZELTON VOLCANICS	JURASSIC: TERT RELATED	VEIN	GL	18.916	15.575	38.252	0.82338	2.02220
o	30409-001	EQUITY SILVER (SAM GOOSLEY)	093/L/01/W:SE-001	54.18	126.26	C	GODWIN: DDH133-302FT	KASALKA VOLCANICS?	CRET: TERT: KAR=56MA REL?	VEIN?	GL	19.047	15.628	38.649	0.82050	2.02914
o	30409-00A	EQUITY SILVER (SAM GOOSLEY)	093/L/01/W:SE-001	54.18	126.26	A	SINCLAIR	KASALKA VOLCANICS?	CRET: TERT: KAR=56MA REL?	VEIN?	GL	20.251	15.872	41.227	0.78376	2.03580
c	30409-00B	EQUITY SILVER (SAM GOOSLEY)	093/L/01/W:SE-001	54.18	126.26	W	MCMILLAN	KASALKA VOLCANICS?	CRET: TERT: KAR=56MA REL?	VEIN?	GL	18.889	15.578	38.399	0.82469	2.03287
o	30409-101	EQUITY SILVER (SAM GOOSLEY)	093/L/01/W:SE-001	54.18	126.26	A	SINCLAIR: S78GS-001: FLOAT: OLIVER 1982	KASALKA VOLCANICS?	CRET: TERT: KAR=56MA REL?	VEIN?	GL	18.863	15.577	38.387	0.82580	2.03504
o	30409-102	EQUITY SILVER (SAM GOOSLEY)	093/L/01/W:SE-001	54.18	126.26	C	GODWIN: G78GS-002: MAIN: OLIVER 1982	KASALKA VOLCANICS?	CRET: TERT: KAR=56MA REL?	VEIN?	GL	19.402	15.661	38.772	0.80719	1.99835
o	30409-103	EQUITY SILVER (SAM GOOSLEY)	093/L/01/W:SE-001	54.18	126.26	C	GODWIN: G78GS-003: S. TAIL: OLIVER 1982	KASALKA VOLCANICS?	CRET: TERT: KAR=56MA REL?	VEIN?	GL	18.860	15.553	38.301	0.82466	2.03081
o	30409-AVG	EQUITY SILVER (SAM GOOSLEY,N=5	093/L/01/W:SE-001	54.18	126.26	C	GODWIN, A SINCLAIR	KASALKA VOLCANICS?	CRET: TERT: KAR=56MA REL?	VEIN?	GL	19.279	15.658	39.067	0.81218	2.02640

o	3D415-001	BIG MISSOURI (CREEK)	104/B/01/E:SE-092	56.12	130.01	S DYKES: LOWER HORIZON: OLIVER 1982	HAZELTON GP: UNUK R FM: CHERTY ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.857	15.603	38.489	0.82744	2.04110
o	3D415-002	BIG MISSOURI (CALCITE CUTS)	104/B/01/E:SE-046	56.11	130.03	S DYKES: MIDDLE HORIZON: OLIVER 1982	HAZELTON GP: UNUK R FM: CHERTY TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.857	15.645	38.474	0.82988	2.04030
o	3D415-003	BIG MISSOURI (TERMINUS F/WALL)	104/B/01/E:SE-092	56.11	130.03	S DYKES: MIDDLE HORIZON: OLIVER 1982	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.816	15.624	38.535	0.83036	2.04799
o	3D415-004	BIG MISSOURI (PROVINCE)	104/B/01/E:SE-046	56.11	130.03	S DYKES: UPPER HORIZON: OLIVER 1982	HAZELTON GP: UNUK R FM: CHERTY ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.803	15.655	38.512	0.83258	2.04818
o	3D415-005	BIG MISSOURI (PROVINCE W)	104/B/01/E:SE-046	56.11	130.03	S DYKES: UPPER HORIZON: OLIVER 1982	HAZELTON GP: UNUK R FM: CHERTY ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.780	15.642	38.530	0.83291	2.05165
c	3D415-006	BIG MISSOURI (CREEK)	104/B/01/E:SE-092	56.12	130.01	D ALLORICK: SR-114: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	SYNGENETIC OR EPITHERMAL	GL	10.820	15.615	38.456	0.82970	2.04332
c	3D415-007	BIG MISSOURI (TERMINUS)	104/B/01/E:SE-092	56.11	130.02	D ALLORICK: SR-189: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	EPITHERMAL V OR STRATABND	GL	10.823	15.609	38.435	0.82927	2.04195
c	3D415-008	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	D ALLORICK: MEZ-1: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	EPITHERMAL VEIN	GL	10.824	15.610	38.458	0.82928	2.04304
c	3D415-008R	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	D ALLORICK: MEZ-1: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	EPITHERMAL VEIN	GL	10.822	15.611	38.453	0.82939	2.04300
c	3D415-008A	BIG MISSOURI (MARTHA ELLEN,N=2	104/B/01/E:SE-092	56.13	130.03	D ALLORICK: MEZ-1: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	EPITHERMAL VEIN	GL	10.823	15.611	38.456	0.82933	2.04302
c	3D415-009	BIG MISSOURI (PROVINCE)	104/B/01/E:SE-046	56.13	130.03	D ALLORICK: SR-70	HAZELTON GP: UNUK R FM: ANDESITE LAPILLI TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	10.812	15.582	38.373	0.82882	2.03986
c	3D415-009D	BIG MISSOURI (PROVINCE)	104/B/01/E:SE-046	56.13	130.03	D ALLORICK: SR-70	HAZELTON GP: UNUK R FM: ANDESITE LAPILLI TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	10.835	15.615	38.450	0.82904	2.04139
c	3D415-009A	BIG MISSOURI (PROVINCE, N=2)	104/B/01/E:SE-046	56.13	130.03	D ALLORICK: SR-70	HAZELTON GP: UNUK R FM: ANDESITE LAPILLI TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	10.824	15.604	38.412	0.82893	2.04042
o	3D415-010!	BIG MISSOURI	104/B/01/E:SE-046	56.11	130.03	C GODWIN: G78BR-001, UBC E COL: OLIVER 1982	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.175	15.521	37.834	0.85398	2.07065
c	3D415-011	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	D ALLORICK: ME-16-1	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.827	15.618	38.464	0.82945	2.04301
c	3D415-012	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	D ALLORICK: ME-16-2	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	10.828	15.617	38.474	0.82948	2.04348
o	3D415-013	BIG MISSOURI (HERCULES, DUMAS)	104/B/01/E:SE-092	56.13	130.05	C GODWIN: G79HR-001, T GROVE; OLIVER 1982	HAZELTON VOLCANICS?	JURASSIC	VEIN	GL	10.753	15.634	39.057	0.83368	2.08271
c	3D415-013	BIG MISSOURI (HERCULES, DUMAS)	104/B/01/E:SE-092	56.13	130.05	C GODWIN: G79HR-001, T GROVE	HAZELTON VOLCANICS?	JURASSIC	VEIN	GL	10.734	15.612	38.990	0.83333	2.08127
c	3D415-AV1	BIG MISSOURI (MARTHA ELLEN,N=3	104/B/01/E:SE-092	56.13	130.03	D ALLORICK: MEZ-1, ME-16-1, ME-16-2	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	EPITHERMAL VEIN	GL	10.826	15.615	38.465	0.82942	2.04318
c	3D415-AVG	BIG MISSOURI (N=6)	104/B/01/E:SE-	56.13	130.03	D ALLORICK: SR-70, -114, -189, MEZ-1, ME-16-1, ME-16-2	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	VEIN	GL	10.824	15.612	38.450	0.82936	2.04253
o	3D415-AVG	BIG MISSOURI (N=5)	104/B/01/E:SE-046	56.11	130.03	S DYKES, C GODWIN, UBC E COL	HAZELTON GP: UNUK R FM: ANDESITE TUFF	JURASSIC	VOLCANOGENIC?	GL	10.823	15.634	38.508	0.83058	2.04580
o	3D418-001	MARINER	093/A/11/W:NW-	52.59	121.45	C GODWIN: G79MR-001: ANDREW 1982	NICOLA VOLCANICS, METAPELITES AND GREENSCHIST	TRIASSIC -JURASSIC	VEIN QZ AU	GL	10.853	15.654	38.845	0.83032	2.08041

o 30420-001	BJ (MARMOT)	104/G/02/W:SE-	57.13	130.95	C	GODWIN, P HOLBEK: 81BJ27C	METAVOLCANIC, CARBONATE SCHIST	UNKNOWN: PRE-PERMIAN	VEIN QZ AU	GL	18.718	15.545	38.183	0.83048	2.03991
o 30420-002	BJ (GRIZZLY)	104/G/02/W:SE-	57.13	130.95	C	GODWIN	METAVOLCANIC, CARBONATE SCHIST	UNKNOWN: PRE-PERMIAN	VEIN AU	GL	18.741	15.448	37.985	0.82429	2.02684
o 30420-005&	BJ (RAT)	104/G/02/W:SE-	57.13	130.95	C	GODWIN	METAVOLCANIC, CARBONATE SCHIST	UNKNOWN: PRE-PERMIAN	VEIN AU	GL	19.291	15.702	38.987	0.81305	2.02099
o 30420-AVG#	BJ (N=2)	104/G/02/W:SE-	57.13	130.95	C	GODWIN, P HOLBEK: MARMOT & GRIZZLY	METAVOLCANIC, CARBONATE SCHIST	UNKNOWN: PRE-PERMIAN	VEIN AU	GL	18.729	15.496	38.084	0.82738	2.03342
c 30422-001	NADINA SILVER (EMERALD GLAC'R)	093/E/11/W:NW-001	53.73	127.25	P	HOLBEK	HAZELTON VOLCANICS	JURASSIC	VEIN	GL	18.788	15.579	38.358	0.82919	2.04163
o 30422-001	NADINA SILVER (EMERALD GLAC'R)	093/E/11/W:NW-001	53.73	127.25	P	HOLBECK	HAZELTON VOLCANICS	JURASSIC	VEIN	GL	18.515	15.349	37.795	0.82900	2.04132
o 30423-001	FEE	104/M/07/E:SE-037	59.48	134.58	C	GODWIN	PRE-PERMIAN RHYOLITE -DACITE, QUARTZITE, SCHIST	CRET: TERT RELATED?	VEIN PB AG AU	GL	19.118	15.683	38.758	0.81928	2.02730
o 30423-001R	FEE	104/M/07/E:SE-037	59.48	134.58	C	GODWIN	PRE-PERMIAN RHYOLITE -DACITE, QUARTZITE, SCHIST	CRET: TERT RELATED?	VEIN PB AG AU	GL	19.083	15.643	38.714	0.81973	2.02872
o 30423-001A	FEE (N=2)	104/M/07/E:SE-037	59.48	134.58	C	GODWIN	PRE-PERMIAN RHYOLITE -DACITE, QUARTZITE, SCHIST	CRET: TERT RELATED?	VEIN PB AG AU	GL	19.101	15.653	38.736	0.81949	2.02796
c 30445-003	COPPER MOUNTAIN	092/H/07/E:SE-017	49.33	120.50	C	GODWIN	NICOLA GROUP	MID JURASSIC (180-190MA)	VOLCANOGENIC	GL	18.986	15.630	38.735	0.82280	2.03809
o 30456-001	IRON MOUNTAIN (LUCKY TODD)	092/I/02/W:SW-198	50.20	120.82			NICOLA VOLCANICS	TRIASSIC	VOLCANOGENIC?	GL	18.569	15.553	38.243	0.83758	2.05951
c 30465-00A	TILLICUM MTN (LOWER HEINO)	092/F/14/E:NW-234	49.98	117.71	C	GODWIN, ESPERANZA EXPLORATION	UNKNOWN	PALEOZOIC	SKARN	GL	18.985	15.688	38.808	0.82634	2.04416
o 30471-001	FRIENDLY LAKE	092/P/09/W:NE-	51.36	120.28		;TRENCH OUTCROP	NICOLA GP: TRACHYANDESITE CRYSTAL TUFF	TRIASSIC	VOLCANOGENIC	GL	18.877	15.622	38.045	0.83643	2.03700
c 30473-001	PERIDIN	104/I/07/W:SW-	59.28	128.98	C	SCOTT, PAMICON DEV.	SINWA LIMESTONE, MAPPED AS INKLIN	TRIASSIC	VEIN, CU-AU-AG	GL	19.081	15.588	38.194	0.81778	2.00378
c 30474-001	BULLION CREEK	104/I/07/E:SE-011	59.40	128.62	C	SCOTT, PAMICON DEV.	SHALE	DEVONIAN	STRATABOUND	GL	18.636	15.780	38.724	0.84878	2.07784
o 30482-001	SHOWING (NR CRONIN BABINE)	093/L/15/W:NW-	54.93	126.84	C	SCOTT: PAMICAN DEVELOPMENT	RHYOLITE /ARGILLITE	CRETACEOUS -EOCENE?	VOLCANOGENIC	GL	18.921	15.603	38.521	0.82484	2.03589
c 30492-001	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	55.91	129.94	D	ALLDRICK: D-VEIN, PI-7: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: DACITE AND ANDESITE TUFFS	EARLY JURASSIC	MESO- TO EPITHERMAL VEIN	GL	19.130	15.627	38.644	0.81687	2.02009
c 30492-002	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	55.91	129.94	D	ALLDRICK: PI-10: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: DACITE AND ANDESITE TUFFS	EARLY JURASSIC	MESO- TO EPITHERMAL VEIN	GL	19.116	15.624	38.618	0.81732	2.02012
c 30492-003	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	55.91	129.94	D	ALLDRICK: D-VEIN, PI-11: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: DACITE AND ANDESITE TUFFS	EARLY JURASSIC	MESO- TO EPITHERMAL VEIN	GL	19.114	15.610	38.589	0.81687	2.01891
c 30492-003R	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	55.91	129.94	D	ALLDRICK: D-VEIN, PI-11: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: DACITE AND ANDESITE TUFFS	EARLY JURASSIC	MESO- TO EPITHERMAL VEIN	GL	19.122	15.619	38.614	0.81677	2.01933
c 30492-003A	PROSPERITY-PORTER IDAHO (N=2)	103/P/13/W:NW-089	55.91	129.94	D	ALLDRICK: D-VEIN, PI-11: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: DACITE AND ANDESITE TUFFS	EARLY JURASSIC	MESO- TO EPITHERMAL VEIN	GL	19.118	15.615	38.597	0.81686	2.01912
c 30492-AVG	PROSPERITY-PORTER IDAHO (N=3)	103/P/13/W:NW-089	55.91	129.94	D	ALLDRICK: PI-7, -10, -11: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: DACITE AND ANDESITE TUFFS	EARLY JURASSIC	MESO- TO EPITHERMAL VEIN	GL	19.121	15.622	38.620	0.81687	2.01978
c 30493-001	SCOTTIE GOLD	104/B/01/E:SE-074	58.22	130.03	D	ALLDRICK: SG-8: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: ANDESITE TUFFS	EARLY JURASSIC	MESOTHERMAL AU-PYRR VEIN	GL	18.804	15.608	38.426	0.83007	2.04352
o 30494-001	SILBAK PREMIER (WEST)	104/B/01/E:SE-054	56.05	130.02	C	GODWIN: G703P-001, UBC E COLLECTION #108: OLIVER 1982	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.825	15.577	38.357	0.82748	2.03756

o	30494-002	SILBAK PREMIER (1Q)	104/B/01/E:SE-054	56.05	130.02	C	GODWIN: G78SP-002, UBC E COLLECTION #108: OLIVER 1982	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.849	15.639	38.551	0.82970	2.04525
o	30494-003	SILBAK PREMIER (WEST)	104/B/01/E:SE-054	56.05	130.02	C	GODWIN: G78SP-003, UBC E COLLECTION #108: OLIVER 1982	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.839	15.632	38.475	0.82977	2.04231
c	30494-004	SILBAK PREMIER	104/B/10/E:SE-054	56.05	130.02	T	GROVE, C GODWIN: G79PR-001	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.833	15.611	38.450	0.82991	2.04167
o	30494-004I	SILBAK PREMIER	104/B/10/E:SE-054	56.05	130.02	T	GROVE, C GODWIN: G79PR-001: OLIVER 1982	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.767	15.594	38.494	0.83093	2.05115
c	30494-005	SILBAK PREMIER (LESLEY CK BR)	104/B/01/E:SE-054	56.05	130.01	D	ALLORICK	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC: 194.8 ZR	VEIN?	GL	19.229	15.758	38.251	0.81947	2.04122
c	30494-005D	SILBAK PREMIER (LESLEY CK BR)	104/B/01/E:SE-054	56.05	130.01	D	ALLORICK	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC: 194.8 ZR	VEIN?	GL	19.210	15.738	39.201	0.81923	2.04083
c	30494-005A	SILBAK PREMIER (LESLEY CK,N=2)	104/B/01/E:SE-054	56.05	130.01	D	ALLORICK	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC: 194.8 ZR	VEIN?	GL	19.220	15.748	39.320	0.81935	2.04580
c	30494-006	SILBAK PREMIER (GLORY HOLE)	104/B/01/E:SE-054	56.05	130.02	D	ALLORICK: GH-1	HAZELTON GP: UNUK R FM: ALTERED PREMIER PORPHYRY	EARLY JURASSIC	VOLCANOGENIC?	GL	18.836	15.617	38.464	0.82907	2.04202
c	30494-007	SILBAK PREMIER	104/B/01/E:SE-054	56.05	130.01	D	ALLORICK: SR-45: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.825	15.611	38.421	0.82926	2.04096
c	30494-010	SILBAK PREMIER (NORTH LIGHTS)	104/B/01/E:SE-054	56.05	130.02	D	ALLORICK: PM-6L 6/7	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VEIN, DEEP EPITHERMAL?	GL	18.817	15.602	38.382	0.82915	2.03973
c	30494-011	SILBAK PREMIER (NORTH LIGHTS)	104/B/01/E:SE-054	56.05	130.02	D	ALLORICK: PM-6L 7/8	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VEIN, DEEP EPITHERMAL?	GL	18.838	15.612	38.421	0.82871	2.03952
c	30494-012	SILBAK PREMIER (2 LEVEL)	104/B/10/E:SE-054	56.05	130.02	D	ALLORICK: 2L-1	HAZELTON GP: UNUK R FM: PREMIER PORPHYRY DYKE	EARLY JURASSIC	VEIN, EPITHERMAL	GL	18.841	15.619	38.465	0.82901	2.04160
c	30494-013	SILBAK PREMIER (2 LEVEL)	104/B/01/E:SE-054	56.05	130.01	D	ALLORICK: 2L-2	HAZELTON GP: UNUK R FM: ALTERED PREMIER PORPHYRY	EARLY JURASSIC, 194.8 ZR	VEIN, EPITHERMAL	GL	18.833	15.618	38.450	0.82930	2.04160
c	30494-AV1	SILBAK PREMIER (N LIGHTS, N=2)	104/B/01/E:SE-054	56.05	130.02	D	ALLORICK: PM-6L 6/7, 7/8	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.828	15.607	38.402	0.82893	2.03982
c	30494-AV2	SILBAK PREMIER (2 LEVEL, N=2)	104/B/10/E:SE-054	56.05	130.02	D	ALLORICK: 2L-1, -2	HAZELTON GP: UNUK R FM: ALTERED PREMIER PORPHYRY	EARLY JURASSIC	VOLCANOGENIC?	GL	18.837	15.619	38.468	0.82918	2.04160
c	30494-AVG	SILBAK PREMIER (N=7)	104/B/10/E:SE-054	56.05	130.02	D	ALLORICK: G79PP-001, SR-45, PM-6L, 2L, GH-1	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.832	15.613	38.441	0.82907	2.04117
o	30494-AVG	SILBAK PREMIER (N=3)	104/B/01/E:SE-054	56.05	130.02	C	GODWIN: G78SP-001, 002 & 003: OLIVER 1982	HAZELTON GP: UNUK R FM: ANDESITE TUFF	EARLY JURASSIC	VOLCANOGENIC?	GL	18.838	15.616	38.461	0.82898	2.04187
c	30495-001	CONSOLIDATED SILVER BUTTE	104/B/01/E:SE-095	56.11	130.03	D	ALLORICK: SR-168: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFFS	EARLY JURASSIC	VEIN,EPITHERMAL AU-AG	GL	18.828	15.619	38.474	0.82954	2.04348
c	30495-001D	CONSOLIDATED SILVER BUTTE	104/B/01/E:SE-095	56.11	130.03	D	ALLORICK: SR-168: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFFS	EARLY JURASSIC	EPITHERMAL AU-AG VEIN	GL	18.812	15.605	38.432	0.82957	2.04301
c	30495-001A	CONSOLIDATED SILVER BUTTE(N=2)	104/B/01/E:SE-095	56.11	130.03	D	ALLORICK: SR-168: ALLORICK ET AL., 1987	HAZELTON GP: UNUK R FM: ALTERED ANDESITE TUFFS	EARLY JURASSIC	EPITHERMAL AU-AG VEIN		18.820	15.612	38.453	0.82955	2.04325
c	30555-001	RED POINT (COPPER BELT)	103/P/12/E:NW-196	55.70	129.56	C	GODWIN: DEVLIN 1987	FELSITE	EARLY JURASSIC	VEIN	GL	18.814	15.608	38.384	0.82956	2.04087
c	30555-001R	RED POINT (COPPER BELT)	103/P/12/E:NW-196	55.70	129.56	C	GODWIN: DEVLIN 1987	FELSITE	EARLY JURASSIC	VEIN	GL	18.824	15.612	38.327	0.82940	2.04142

c 30555-001A	RED POINT (COPPER BELT, N=2)	103/P/12/E:NW-196	55.70	129.56	C	GODWIN	FELSITE	EARLY JURASSIC	VEIN	GL	18.819	15.610	38.361	0.82948	2.04105
c 30556-001	NORTH STAR	103/P/12/E:NW-189	55.68	129.50	C	GODWIN: G8400V2: DEVLIN 1987	HAZELTON GP: AGGLOMERATE, TUFF	EARLY JURASSIC	VEIN	GL	18.874	15.623	38.482	0.82775	2.03887
o 30556-002	NORTH STAR	103/P/12/E:NW-189	55.68	129.50	C	GODWIN: G78TB-002, UBC E COLLECTION #16A: OLIVER 1982	HAZELTON GP: UNUK R FM: AGGLOMERATE, TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	18.856	15.610	38.287	0.82785	2.03049
c 30556-002	NORTH STAR	103/P/12/E:NW-189	55.68	129.50	C	GODWIN: G78TB-002	HAZELTON GP: AGGLOMERATES AND TUFFS	EARLY JURASSIC	VOLCANOGENIC	GL	18.885	15.638	38.532	0.82796	2.04035
c 30556-AVG	NORTH STAR (N=2)	103/P/12/E:NW-189	55.68	129.50	C	GODWIN: G78TB-002, UBC E COLLECTION #16A	HAZELTON GP: AGGLOMERATES AND TUFFS	EARLY JURASSIC	VOLCANOGENIC	GL	18.880	15.630	38.507	0.82785	2.03981
o 30557-001	TORBRIT (JASPER LODE)	103/P/11/W:NW-191	55.69	129.49	C	GODWIN: G78TB-001, UBC E COLLECTION #16A: OLIVER 1982	HAZELTON GP: UNUK R FM: AGGLOMERATE, TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	18.844	15.580	38.295	0.82679	2.03221
c 30557-001	TORBRIT (JASPER LODE)	103/P/11/W:NW-191	55.69	129.49	C	GODWIN: G78TB-001: DEVLIN 1987	HAZELTON GP: AGGLOMERATES AND TUFFS	EARLY JURASSIC	VOLCANOGENIC	GL	18.869	15.609	38.438	0.82725	2.03713
c 30557-003	TORBRIT	103/P/11/W:NW-191	55.69	129.49	C	GODWIN: G84TB	HAZELTON GP: AGGLOMERATES AND TUFFS	EARLY JURASSIC	VEIN	GL	18.875	15.625	38.485	0.82778	2.03893
o 30557-005	TORBRIT	103/P/11/W:NW-191	55.69	129.49	C	GODWIN: G78NC8995, N CARTER: OLIVER 1982	HAZELTON GP: UNUK R FM: AGGLOMERATE, TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	18.918	15.642	38.548	0.82683	2.03753
c 30557-005	TORBRIT	103/P/11/W:NW-191	55.69	129.49	C	GODWIN: G78NC8995, N CARTER	HAZELTON GP: AGGLOMERATES AND TUFFS	EARLY JURASSIC	VOLCANOGENIC	GL	18.902	15.629	38.524	0.82681	2.03809
o 30557-5021	TORBRIT	103/P/11/W:NW-191	55.69	129.49	RUSSELL AND FARQUHAR 1980: 814209		HAZELTON GP: UNUK R FM: AGGLOMERATE, TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	19.566	16.082	39.573	0.82194	2.02254
c 30557-AVG	TORBRIT (N=3)	103/P/11/W:NW-191	55.69	129.49	C	GODWIN: G78TB-001, G78NC8995, G84TB	HAZELTON GP: AGGLOMERATES AND TUFFS	EARLY JURASSIC	VOLCANOGENIC	GL	18.882	15.621	38.482	0.82720	2.03805
o 30557-AVG	TORBRIT (N=2)	103/P/11/W:NW-191	55.69	129.49	C	GODWIN: G78TB-001 & 002, & G78TNC8995	HAZELTON GP: UNUK R FM: AGGLOMERATE, TUFF	EARLY JURASSIC	VOLCANOGENIC	GL	18.881	15.611	38.421	0.82681	2.03487
c 30558-001	HORN SILVER	104/G/09/E:NE-059	57.73	130.23	P	HOLBEK	HAZELTON GP: K-R DYKE	JURASSIC	EPITHERMAL VEIN	GL	18.846	15.590	38.384	0.82721	2.03568
c 30558-001R	HORN SILVER	104/G/09/E:NE-059	57.73	130.23	P	HOLBEK	HAZELTON GP: K-R DYKE	JURASSIC	EPITHERMAL VEIN	GL	18.858	15.598	38.393	0.82712	2.03587
c 30558-001A	HORN SILVER (N=2)	104/G/09/E:NE-059	57.73	130.23	P	HOLBEK	HAZELTON GP: K-R DYKE	JURASSIC	EPITHERMAL VEIN	GL	18.852	15.594	38.379	0.82720	2.03577
c 30601-001	BAKER	094/E/08/E:SW-026	57.29	127.11	L	DIAKOW, BCMEMPR: OM583-10	TAKLA GROUP	TRIASSIC	VEIN	GL	18.773	15.600	38.327	0.83098	2.04160
c 30602-001	CLAW MOUNTAIN	094/E/05/E:NW-046	57.27	127.58	L	DIAKOW, BCMEMPR: T82-L018-218K	TAKLA GROUP: ANDESITE AND VOLCANICLASTICS	JURASSIC	VEIN	GL	18.778	15.589	38.311	0.83019	2.04025
c 30603-001	NOROD LAKE	094/E/02/E:SE-	57.13	126.73	L	DIAKOW, BCMEMPR: T82-L09-196	GREY DACITE	JURASSIC	VEIN	GL	18.789	15.600	38.311	0.83019	2.04136
c 30604-001	METSANTAN PROSPECT	094/E/06/W:SW-064	57.42	127.31	L	DIAKOW, BCMEMPR: TRENCH 16	TODDOGGONE VOLCANICS	JURASSIC	EPITHERMAL VEIN	GL	18.814	15.593	38.344	0.82880	2.03807
c 30616-001	SPIDER ADITS	104/A/04/W:SW-010	56.13	129.99	D	ALLORICK	HAZELTON GP: UNUK R FM: BASALT	EARLY JURASSIC	VEIN	GL	19.085	15.609	38.590	0.81788	2.02202
c 30629-001	SNIPPAKER (SERICITE RIDGE)	104/B/10/W:NE-116	56.57	131.87	C	GRAF: 5	HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	18.857	15.610	38.456	0.82781	2.03938
c 30631-002	SNIPPAKER (INEL)	104/B/10/W:NE-113	56.62	131.95	C	GRAF: 2	HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	19.146	15.616	38.584	0.81565	2.01524

c 30631-[illegible]	SNIPPAKER (INEL)	104/B/10/W:NE-113	56.62	131.95	C GRAF: 2		HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	19.155	15.624	38.614	0.81565	2.01588
c 30631-[illegible]A	SNIPPAKER (INEL) (N=2)	104/B/10/W:NE-113	56.62	131.95	C GRAF: 2		HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	19.151	15.620	38.599	0.81565	2.01556
c 30631-003	SNIPPAKER (WOLVERINE)	104/B/10/W:NE-	56.62	131.99	C GRAF: 3		HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	18.812	15.614	38.441	0.83001	2.04342
c 30631-004	SNIPPAKER (BRONSON GLACIER)	104/B/10/W:NE-	56.63	131.09	C GRAF: 4		HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	18.806	15.599	38.419	0.82944	2.04285
o 30706-001	ECSTALL RIVER	103/H/13/E:NW-011	53.87	129.51	C GODWIN: G78EC-001, UBC E COLL.#113 & 114: OLIVER 1982		SCHIST	UNKNOWN	VOLCANOGENIC FE PY		18.303	15.549	37.788	0.84953	2.08458
o 30717-001	RAF (BEAR RIVER)	103/P/13/W:NW-062	55.00	129.09	C GODWIN: G79BR-001: N CARTER, BCPEMPR: OLIVER 1982		HAZELTON GP:	E JURASSIC: TERT RELATED	VEIN	PY	19.231	15.629	38.712	0.81270	2.01300
c 30718-001	B.C. MOLYBDENUM (LIME CREEK)	103/P/06/W:SW-120	55.42	129.42	C GODWIN: G78NC-64-155, N CARTER		GRANITE	TERTIARY: KAR 51MA	PORPHYRY MO	GL	19.098	15.627	38.671	0.81826	2.02490
c 30718-002	B.C. MOLYBDENUM	103/P/06/W:SW-120	55.42	129.42	C GODWIN: G78NC-64-155, N CARTER		GRANITE	TERTIARY: KAR 51MA	PORPHYRY MO	GL	19.088	15.617	38.640	0.81817	2.02430
o 30718-002	B.C. MOLYBDENUM	103/P/06/W:SW-120	55.42	129.42	C GODWIN: G78NC-64-155, N CARTER: OLIVER 1982		GRANITE	TERTIARY: KAR 51MA	PORPHYRY MO	GL	19.203	15.637	38.893	0.81430	2.02536
c 30718-AVG	B.C. MOLYBDENUM (N=2)	103/P/06/W:SW-120	55.42	129.42	C GODWIN: G78NC-64-155, N CARTER		GRANITE	TERTIARY: KAR 51MA	PORPHYRY MO	GL	19.093	15.622	38.656	0.81822	2.02460
o 30720-001	PACKER FRACTION	104/B/01/E:SE-	56.11	130.02	C GODWIN: G79SR-001, T GROVE: OLIVER 1982		HAZELTON VOLCANICS, VOLCANICLASTICS	JURASSIC: TERT RELATED	VEIN	GL	19.155	15.585	39.602	0.81363	2.06745
c 30720-001	PACKER FRACTION	104/B/01/E:SE-	56.11	130.02	C GODWIN: G79SR-001, T GROVE		HAZELTON GP; VOLCANICLASTICS	JURASSIC: TERT RELATED	VEIN	GL	19.177	15.629	38.661	0.81500	2.01801
o 30753-001	ATLIN RUFFNER	104/N/12/E:NW-011	59.73	133.53	C GODWIN: G791T-001, B PRICE		UNKNOWN	CRET: TERT RELATED	VEIN	GL	19.066	15.599	38.580	0.81816	2.02350
o 30753-002	ATLIN RUFFNER	104/N/12/E:NW-011	59.73	133.53	C GODWIN: G79AT-002, B PRICE		UNKNOWN	CRET: TERT RELATED	VEIN	GL	19.101	15.637	38.718	0.81865	2.02701
o 30753-4771	ATLIN RUFFNER	104/N/12/E:NW-011	59.73	133.53	RUSSELL AND FARQUHAR 1980: AT160477		UNKNOWN	CRET: TERT RELATED	VEIN	GL	19.177	15.729	38.886	0.82020	2.02774
o 30753-AVG#	ATLIN RUFFNER (N=2)	104/N/12/E:NW-011	59.73	133.53	C GODWIN: G79AT-001,002: K ANDREW 1985		UNKNOWN	CRET: TERT RELATED	VEIN	GL	19.084	15.618	38.649	0.81838	2.02520
o 30758-036	POPLAR	093/L/02/W:SE-239	54.02	126.98	C GODWIN: G79PC-036: DDH:PC36-508FT: OLIVER 1982		GRANITE	CRETACEOUS: KAR 75MA	PORPHYRY	GL	18.861	15.588	38.438	0.82647	2.03796
o 30761-001	ASCOTT	093/L/15/E:NE-024	54.79	126.72	C GODWIN: G78AS-001, B PRICE: OLIVER 1982		HAZELTON VOLCANICS	JURASSIC	VOLCANOGENIC	GL	18.668	15.592	38.349	0.83532	2.05448
o 30763-001	BOB CREEK	093/L/07/E:SE-009	54.30	126.60	C GODWIN: G78BK-001, M SMITH, DDH4-29.3M.: OLIVER 1982		HAZELTON VOLCANICS: DACITE, CRYSTAL TUFF	JURASSIC	VOLCANOGENIC?	GL	18.834	15.608	38.444	0.82871	2.04120
o 30765-001	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	C GODWIN: G78BV-001: OLIVER 1982		HAZELTON GP: UNUK R FM: HORNFELSED ARGILLITE	EARLY JURASSIC	VEIN	GL	18.501	15.592	38.213	0.84276	2.06546
c 30765-002	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	D ALLDRICK: PIT 3/1: ALLDRICK ET AL., 1987		HAZELTON GP: UNUK R FM: HORNFELSED ARGILLITE	EARLY JURASSIC	VEIN	GL	19.153	15.616	38.608	0.81532	2.01578
c 30765-003	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	D ALLDRICK: PIT 3/2: ALLDRICK ET AL., 1987		HAZELTON GP: UNUK R FM: HORNFELSED ARGILLITE	EARLY JURASSIC	VEIN	GL	19.151	15.623	38.633	0.81582	2.01732
c 30765-004	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	D ALLDRICK: PIT 3/3: ALLDRICK ET AL., 1987		HAZELTON GP: UNUK R FM: HORNFELSED ARGILLITE	EARLY JURASSIC	VEIN	GL	19.152	15.622	38.633	0.81570	2.01714

c	30765-AVG	BAYVIEW (N=3)	103/P/13/W:NW-051	55.96	129.98	D ALLDRICK: PIT 3/1,2,3: ALLDRICK ET AL., 1987	HAZELTON GP: UNUK R FM: HORNFELSED ARGILLITE	EARLY JURASSIC	VEIN	GL	19.152	15.620	38.625	0.81561	2.01675
c	30766-001	SILVERADO	103/P/13/W:NW-088	55.92	129.96	D ALLDRICK: ZERO LEVEL	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC	VEIN PERIPH TO PORPHYRY	GL	19.162	15.650	38.731	0.81669	2.02119
c	30766-001R	SILVERADO	103/P/13/W:NW-088	55.92	129.96	D ALLDRICK: ZERO LEVEL	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC	VEIN PERIPH TO PORPHYRY	GL	19.148	15.631	38.656	0.81634	2.01883
c	30766-001A	SILVERADO (N=2)	103/P/13/W:NW-088	55.92	129.96	D ALLDRICK: ZERO LEVEL	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC	VEIN PERIPH TO PORPHYRY	GL	19.155	15.641	38.694	0.81651	2.02001
c	30766-002	SILVERADO	103/P/13/W:NW-088	55.92	129.96	D ALLDRICK: A84-25-6 #4 ADIT	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC	VEIN PERIPH TO PORPHYRY	GL	19.167	15.645	38.713	0.81623	2.01974
c	30766-002R	SILVERADO	103/P/13/W:NW-088	55.92	129.96	D ALLDRICK: A84-25-6 #4 ADIT	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC	VEIN PERIPH TO PORPHYRY	GL	19.158	15.630	38.672	0.81595	2.01877
c	30766-002A	SILVERADO (N=2)	103/P/13/W:NW-088	55.92	129.96	D ALLDRICK: A84-25-6 #4 ADIT	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC	VEIN PERIPH TO PORPHYRY	GL	19.162	15.638	38.693	0.81609	2.01926
c	30766-AVG	SILVERADO (N=2)	103/P/13/W:NW-088	55.92	129.96	D ALLDRICK: ZERO LEVEL, A84-25-6	HAZELTON GP: UNUK R FM: ANDESITE AND LAPILLI TUFF	EARLY JURASSIC	VEIN PERIPH TO PORPHYRY	GL	19.158	15.640	38.694	0.81617	2.01983
o	30767-001	JOY (CEDAR CREEK)	093/A/12/E:NW-072	52.57	121.52	C GODWIN: G79CD-001: ANDREW 1982	NICOLA GP: METAPELITES, GREENSCHIST	JURASSIC	VEIN	GL	18.757	15.584	38.310	0.83084	2.04244
o	30770-002	DEL SANTO (DEEP CREEK)	093/L/10/E:NE-025	54.65	126.70	B PRICE, C GODWIN: G78DL-002: OLIVER 1982	HAZELTON VOLCANICS	JURASSIC	VOLCANOGENIC PB ZN MN	GL	18.843	15.586	38.219	0.83602	2.05005
o	30771-001	DOLLY VARDEN	103/P/12/E:NW-188	55.68	129.53	C GODWIN: G78DV-001, UBC E COL: OLIVER 1982	HAZELTON GP: ANDESITE	JURASSIC	VOLCANOGENIC? AG	GL	18.940	15.673	38.779	0.82716	2.04660
o	30771-002	DOLLY VARDEN	103/P/12/E:NW-188	55.68	129.53	C GODWIN: G78DV-002, UBC E COL: OLIVER 1982	HAZELTON GP: ANDESITE	JURASSIC	VOLCANOGENIC? AG	GL	18.866	15.629	38.432	0.82842	2.03710
c	30771-003	DOLLY VARDEN	103/P/12/E:NW-188	55.68	129.53	UBC E COLL. 159: DEVLIN 1987	HAZELTON GP: ANDESITE	JURASSIC	STRATIFORM	GL	18.852	15.612	38.452	0.82814	2.03968
c	30771-004	DOLLY VARDEN (EAST)	103/P/12/E:NW-188	55.68	129.53	B DEVLIN, DV15: DEVLIN 1987	HAZELTON GP: ANDESITE	JURASSIC	STRATIFORM AG-ZN-PB-BARIT	GL	18.898	15.624	38.519	0.82875	2.03825
c	30771-AVG	DOLLY VARDEN (N=2)	103/P/12/E:NW-188	55.68	129.53	UBC E COLLECTION, B DEVLIN	HAZELTON GP: ANDESITE	JURASSIC	STRATIFORM AG-ZN-PB-BARIT	GL	18.875	15.618	38.486	0.82744	2.03825
o	30771-AVG	DOLLY VARDEN (N=2)	103/P/12/E:NW-188	55.68	129.53	C GODWIN: G78DV-001 & 002: OLIVER 1982	HAZELTON GP: ANDESITE	JURASSIC	VOLCANOGENIC? AG	GL	18.907	15.651	38.605	0.82779	2.04184
o	30773-001	ESPERANZA	103/P/06/W:SW-126	55.49	129.49	C GODWIN: G78ES-001, UBC E COL: OLIVER 1982	HAZELTON VOLCANICS	JURASSIC	VEIN	GL	18.791	15.617	38.620	0.83109	2.05524
c	30773-001	ESPERANZA	103/P/06/W:SW-126	55.49	129.49	C GODWIN: G78ES-001, UBC E COL	HAZELTON VOLCANICS	JURASSIC	VEIN	GL	19.072	15.635	38.643	0.81979	2.02615
c	30775-001	GRANDUC	104/B/01/W:SE-021	56.21	130.33	C GODWIN: G78GD-001, UBC E COL	STUHINI EQUIV: BASALT AND SEDIMENTS: LATER VEIN	LATE TRIASSIC	VEIN	SL	19.099	15.614	38.561	0.81754	2.01898
c	30775-002	GRANDUC	104/B/01/W:SE-021	56.21	130.33	W MCMILLAN: G-7	STUHINI EQUIV: BASALT AND SEDIMENTS: LATER VEIN	LATE TRIASSIC	VEIN	GL	19.144	15.609	38.592	0.81532	2.01568
o	30775-003	GRANDUC	104/B/01/W:SE-021	56.21	130.33	C GODWIN: G78GD-001, UBC E COL: OLIVER 1982	STUHINI EQUIV: BASALT AND SEDIMENTS	LATE TRIASSIC	VOLCANOGENIC: BESSHI/CYPR	GL	18.722	15.600	38.428	0.83324	2.05256
c	30775-003	GRANDUC	104/B/01/W:SE-021	56.21	130.33	C GODWIN: G78GD-001, UBC E COL	STUHINI EQUIV: BASALT AND SEDIMENTS	LATE TRIASSIC	VOLCANOGENIC: BESSHI/CYPR	GL	18.671	15.578	38.258	0.83439	2.04900
c	30775-AVG	GRANDUC (N=2)	104/B/01/W:SE-021	56.21	130.33	C GODWIN: G78GD-001, G-7	STUHINI EQUIV: BASALT AND SEDIMENTS: LATER VEIN	LATE TRIASSIC	VEIN	SL	19.122	15.612	38.574	0.81643	2.01742

c	30776-136!	GALENA	103/P/12/E:NW-208	55.74	129.52	N CARTER, C GODWIN: G78NC-68-136	HAZELTON GP: ANDESITIC TUFF	JURASSIC	VEIN	SL	18.908	15.622	38.533	0.82622	2.03788
o	30776-136!	GALENA	103/P/12/E:NW-208	55.74	129.52	N CARTER, C GODWIN: G78NC-68-136: OLIVER 1982	HAZELTON GP: ANDESITIC TUFF	JURASSIC	VEIN	GL	18.912	15.688	38.784	0.82953	2.05076
c	30776-136R!	GALENA	103/P/12/E:NW-208	55.74	129.52	N CARTER, C GODWIN: G78NC-68-136	HAZELTON GP: ANDESITIC TUFF	JURASSIC	VEIN	SL	18.523	15.641	37.766	0.84442	2.03888
o	30777-001	HIDDEN CREEK (ANYOX)	103/P/05/W:SW-021	55.44	129.81	C GODWIN: G78HC-001: OLIVER 1982	KARMUTSEN EQUIV: TUFFACEOUS CHERT SCHIST	LATE TRIASSIC	VOLCANOGENIC	GL	18.489	15.590	38.390	0.84320	2.07983
c	30777-001	HIDDEN CREEK (ANYOX)	103/P/05/W:SW-021	55.44	129.81	C GODWIN: G78HC-001	KARMUTSEN EQUIV: TUFFACEOUS CHERT SCHIST	LATE TRIASSIC	VOLCANOGENIC	PY	19.310	15.808	38.245	0.82164	2.03237
c	30777-001R	HIDDEN CREEK (ANYOX)	103/P/05/W:SW-021	55.44	129.81	C GODWIN: G78HC-001	KARMUTSEN EQUIV: TUFFACEOUS CHERT SCHIST	LATE TRIASSIC	VOLCANOGENIC	PY	19.211	15.765	39.193	0.82081	2.04012
c	30777-001A	HIDDEN CREEK (ANYOX, N=2)	103/P/05/W:SW-021	55.44	129.81	C GODWIN: G78HC-001	KARMUTSEN EQUIV: TUFFACEOUS CHERT SCHIST	LATE TRIASSIC	VOLCANOGENIC	PY	19.261	15.818	39.214	0.82113	2.03624
c	30785-001	MASTADON	103/P/12/W:NW-020	55.59	129.76	C GODWIN: G78MS-001, UBC E COLLECTION #485-SPEC#20	HAZELTON GP:	JURASSIC	UNKNOWN	SL	18.793	15.682	38.578	0.83446	2.05281
o	30785-001	MASTADON	103/P/12/W:NW-020	55.59	129.76	C GODWIN: G78MS-001, UBC E COLL #485-SPEC#20: OLIVER 82	HAZELTON VOLCANICS	JURASSIC	UNKNOWN	GL	18.758	15.654	38.548	0.83452	2.05481
c	30785-001D	MASTADON	103/P/12/W:NW-020	55.59	129.76	C GODWIN: G78MS-001, UBC E COLLECTION #485-SPEC#20	HAZELTON GP:	JURASSIC	UNKNOWN	GL	18.808	15.692	38.622	0.83443	2.05374
c	30785-001A	MASTADON (N=2)	103/P/12/W:NW-020	55.59	129.76	C GODWIN: G78MS-001, UBC E COLLECTION #485-SPEC#20	HAZELTON GP:	JURASSIC	UNKNOWN	GL	18.799	15.687	38.600	0.83446	2.05306
o	30794-001	TOM MACKAY LAKE	104/B/09/W:NE-008	56.58	130.45	C GODWIN: G79TK-001, D DONNELLY: OLIVER 1982	HAZELTON VOLCANICS	JURASSIC	VOLCANOGENIC	GL	18.773	15.600	38.330	0.83098	2.04176
o	30794-002	TOM MACKAY LAKE	104/B/09/W:NE-008	56.58	130.45	C GODWIN: G79TK-002, D DONNELLY: OLIVER 1982	HAZELTON VOLCANICS	JURASSIC	VOLCANOGENIC	GL	18.792	15.589	38.438	0.82956	2.04544
o	30794-AVG	TOM MACKAY LAKE (N=2)	104/B/09/W:NE-008	56.58	130.45	C GODWIN: G79TK-001 & 002, D DONNELLY: OLIVER 1982	HAZELTON VOLCANICS	JURASSIC	VOLCANOGENIC	GL	18.782	15.594	38.384	0.83026	2.04366
o	30795-001	TOPLEY SILVER	093/L/09/W:NE-018	54.60	126.26	C GODWIN: G78TS-001	HAZELTON VOLCANICS?	JURASSIC	UNKNOWN	GL	18.735	15.578	38.348	0.83149	2.04876
o	30797-001	UNUK RIVER (UNUK JUMBO)	104/B/08/W:SE-018	56.41	130.49	C GODWIN: G78UJ-001, UBC E COLLECTION #110, GA DIROR	HAZELTON VOLCANICS?	JURASSIC	UNKNOWN	GL	18.861	15.629	38.373	0.82864	2.03452
c	30798-198	SILVER BELL (UNITED METALS)	103/P/11/W:NW-139	55.43	129.28	C GODWIN: G78NC-68-198, N CARTER	HAZELTON GP: ANDESITIC EPICLASTICS	JURASSIC	UNKNOWN	GL	18.818	15.603	38.415	0.82915	2.04137
o	30798-198	SILVER BELL (UNITED METALS)	103/P/08/W:NW-139	55.43	129.28	C GODWIN: G78NC-68-198, N CARTER	HAZELTON GP: ANDESITIC EPICLASTICS	JURASSIC	UNKNOWN	GL	18.858	15.671	38.503	0.83100	2.04173
c	30802-001	KUTCHO CREEK	104/I/01/W:SE-072	58.20	128.37	C GODWIN: G78KU-001, L THORSTAD	KUTCHO VOLCANICS	LATE TRIASSIC	VOLCANOGENIC CU AG	GL	18.448	15.529	37.919	0.84174	2.05539
o	30802-001	KUTCHO CREEK	104/I/02/E:SE-072	58.20	128.37	C GODWIN: G78KU-001, L THORSTAD: OLIVER 1982	KUTCHO VOLCANICS	LATE TRIASSIC	VOLCANOGENIC CU AG	GL	18.480	15.524	37.815	0.84054	2.04748
o	30802-5721	KUTCHO CREEK	104/I/02/E:SE-072	58.20	128.37	ESSO MINERALS LIMITED: DDH2, 4 & 14: OLIVER 1982	KUTCHO VOLCANICS	LATE TRIASSIC	VOLCANOGENIC CU AG	GL	18.779	15.500	37.714	0.82530	2.08831
o	30804-501	GOLDEN VIEW	104/N/08/W:SW-042	59.60	133.41	K ANDREW, K DAWSON: DY2980: CABIN ZONE: ANDREW 1985	SHEARED VOLCANICS	PERMIAN	VEIN AU	GL	18.870	15.635	38.807	0.82817	2.04497
o	30805-501	SURPRISE	104/N/08/W:SW-076	59.60	133.43	K ANDREW, K DAWSON: DY2987: SPRUCE MT: ANDREW 1985	CHLORITE SCHIST	PERMIAN?	VEIN AU PB CU	GL	18.834	15.647	38.661	0.83078	2.05272
o	30805-502	SURPRISE	104/N/08/W:SW-076	59.60	133.43	K ANDREW, K DAWSON: DY2987A: SPRUCE MT: ANDREW 1985	CHLORITE SCHIST	PERMIAN?	VEIN AU PB CU	GL	18.835	15.660	38.685	0.83143	2.05389

o 30805-S02R	SURPRISE	104/N/06/W:SW-076	59.60	133.43	K ANDREW, K DAWSON: DY2987A: SPRUCE MT: ANDREW 1985	CHLORITE SCHIST	PERMIAN?	VEIN, AU	GL	18.828	15.656	38.698	0.83163	2.05534		
o 30805-S02A	SURPRISE (N=2)	104/N/06/W:SW-076	59.60	133.43	K ANDREW, K DAWSON: DY2987A: SPRUCE MT: ANDREW 1985	CHLORITE SCHIST	PERMIAN?	VEIN AU PB CU	GL	18.832	15.673	38.682	0.83225	2.05408		
o 30805-AVG	SURPRISE (N=2)	104/N/06/W:SW-076	59.60	133.43	K ANDREW, K DAWSON: DY2987A: SPRUCE MT: ANDREW 1985	CHLORITE SCHIST	PERMIAN?	VEIN AU PB CU	GL	18.832	15.673	38.672	0.83225	2.05353		
o 30806-S01	DISCOVERY	104/N/06/W:SW-100	59.53	133.50	K ANDREW, K DAWSON: DY2990: ANDREW 1985	UNKNOWN	PERMIAN?	VEIN AU	GL	18.886	15.654	38.706	0.82887	2.04948		
o 30807-S01	LAKEVIEW	104/N/06/W:SW-009	59.63	133.45	K ANDREW, K DAWSON: DY2950B: ANDREW 1985	UNKNOWN	PERMIAN?	VEIN AU	GL	18.831	15.661	38.672	0.83166	2.05363		
c 30813-001	TWO BARREL (REG GROUP)	104/B/11/E:NW-107	56.63	131.07	P SEVENSMA, SKYLINE EXPLORATION	HAZELTON GP: UNUK R FM	EARLY JURASSIC	VEIN	GL	18.837	15.595	38.399	0.82788	2.03843		
c 30814-001	JOHNNY MOUNTAIN (REG GROUP)	104/B/11/W:NW-107	56.62	131.07	P SEVENSMA, SKYLINE EXPLORATION	HAZELTON GP: UNUK R FM: ACID TUFFS	EARLY JURASSIC	VEIN	GL	18.848	15.605	38.427	0.82797	2.03884		
c 30814-001D	JOHNNY MOUNTAIN (REG GROUP)	104/B/11/W:NW-107	56.62	131.07	P SEVENSMA, SKYLINE EXPLORATION	HAZELTON GP: UNUK R FM: ACID TUFFS	EARLY JURASSIC	VEIN	GL	18.855	15.611	38.450	0.82796	2.03931		
c 30814-001A	JOHNNY MOUNTAIN (REG GP, N=2)	104/B/11/W:NW-107	56.62	131.07	P SEVENSMA, SKYLINE EXPLORATION	HAZELTON GP: UNUK R FM: ACID TUFFS	EARLY JURASSIC	VEIN	GL	18.852	15.608	38.438	0.82796	2.03908		
c 30814-002	JOHNNY MOUNTAIN (REG GROUP)	104/B/11/E:NW-107	56.62	131.07	P SEVENSMA, SKYLINE EXPLORATION	HAZELTON GP: UNUK R FM: ACID TUFFS	EARLY JURASSIC	VEIN	GL	19.065	15.625	38.586	0.81956	2.02392		
c 30814-002R	JOHNNY MOUNTAIN (REG GROUP)	104/B/11/E:NW-107	56.62	131.07	P SEVENSMA, SKYLINE EXPLORATION	HAZELTON GP: UNUK R FM: ACID TUFFS	EARLY JURASSIC	VEIN	GL	19.054	15.615	38.562	0.81952	2.02380		
c 30814-002A	JOHNNY MTN (REG GP) (N=2)	104/B/11/E:NW-107	56.62	131.07	P SEVENSMA, SKYLINE EXPLORATION	HAZELTON GP: UNUK R FM: ACID TUFFS	EARLY JURASSIC	VEIN	GL	19.060	15.620	38.574	0.81954	2.02386		
c 30869-001	GABRIELLE	093/G/01/W:SE-	53.17	122.33	R BERG, NORANDA	HORNFELSED ANDESITE BRECCIA	TRIASSIC -JURASSIC	VOLCANOGENIC	GL	18.884	15.601	38.389	0.82614	2.03181		
c 30887-101	FRASERGOLD	093/A/07/E:SE-150	52.18	120.57	K DAWSON	BLACK PHYLLITE	LATE TRIASSIC	VEIN	GL	18.758	15.644	38.611	0.83398	2.05841		
c 30889-001	KERR (NANCY)	104/B/08/W:SE-100	56.47	130.27	B WHITING: KE85-P01	HAZELTON GP: ANDESITE	EARLY -MID JURASSIC	VOLCANOGENIC?	GL	18.779	15.599	38.327	0.83066	2.04097		
c 30890-001	SULPHURETS (BRUCEJACK LAKE)	104/B/08/E:SE-022	56.47	130.20	B WHITING: SU85-P02	HAZELTON GP: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	PY	18.809	15.626	38.477	0.83077	2.04569		
c 30890-002	SULPHURETS (BRUCEJACK LAKE)	104/B/08/E:SE-022	56.47	130.20	D ALLDRICK: SF-6 WEST ZONE	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.809	15.608	38.430	0.82979	2.04311		
c 30890-002D	SULPHURETS (BRUCEJACK LAKE)	104/B/08/E:SE-020	56.47	130.20	D ALLDRICK: SF-6 WEST ZONE	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.822	15.617	38.452	0.82969	2.04291		
c 30890-002A	SULPHURETS (BRUCEJACK LAKE)	104/B/08/E:SE-020	56.47	130.20	D ALLDRICK: SF-6 WEST ZONE	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.816	15.612	38.441	0.82974	2.04301		
c 30890-003	SULPHURETS (BRUCEJACK LAKE)	104/B/08/E:SE-022	56.47	130.20	D ALLDRICK: SF-9 WEST ZONE	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.803	15.600	38.399	0.82965	2.04217		
c 30890-003R	SULPHURETS (BRUCEJACK LAKE)	104/B/08/E:SE-022	56.47	130.20	D ALLDRICK: SF-9 WEST ZONE	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.804	15.598	38.388	0.82952	2.04150		
c 30890-003A	SULPHURETS (BRUCEJACK L, N=2)	104/B/08/E:SE-022	56.47	130.20	D ALLDRICK: SF-9 WEST ZONE	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.804	15.599	38.394	0.82959	2.04602		
c 30890-004	SULPHURETS (SHORE ZONE)	104/B/08/E:SE-022	56.47	130.20	D LEFEBURE: DVL-86-97	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.818	15.616	38.444	0.82986	2.04296		
c 30890-005	SULPHURETS (HANGING GLACIER)	104/B/08/E:SE-022	56.49	130.23	D LEFEBURE: DVL-86-153	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.815	15.595	38.407	0.82885	2.04126		
c 30890-AVG	SULPHURETS (BRUCEJACK L, N=5)	104/B/08/E:SE-022	56.47	130.20	SU85-P02, SF-6, -9, DVL-86-97, -153	HAZELTON GP: UNUK R FM: ANDESITIC TUFF	EARLY -MID JURASSIC	VEIN/STOCKWORK	GL	18.812	15.610	38.433	0.82976	2.04379		
c 30891-001	KHYBER PASS	104/B/10/W:NW-138	56.59	130.97	B WHITING: GO85-P03	HAZELTON GP: UNUK R FM: ANDESITE BRECCIA	EARLY JURASSIC	VEIN/CARBONATE ZONE	GL	19.134	15.615	38.585	0.81610	2.01656		
c 30891-002	SNIPPAKER (KHYBER-INEL BNDRY)	104/B/10/W:NE-138	56.60	131.97	C GRAF: 1	HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	18.862	15.630	38.526	0.82862	2.04250		
c 30891-002D	SNIPPAKER (KHYBER-INEL BNDRY)	104/B/10/W:NE-138	56.60	131.97	C GRAF: 1	HAZELTON GP: ANDESITE ANG FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	18.846	15.611	38.470	0.82835	2.04126		

c 30931-002?	[illegible]PAKER (KHYBER-INEL BNDRY)	104/B/10/W:NE-138	56.60	131.97	C GRAF: 1		HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	18.842	15.611	38.448	0.82654	2.04057
c 30931-002A	SNIPPAKER (KHYBER-INEL) (N=3)	104/B/10/W:NE-138	56.60	131.97	GOBS-PB3, C GRAF: 1		HAZELTON GP: ANDESITE AND FELDSPAR PORPHYRY	JURASSIC	VEIN	GL	18.850	15.617	38.481	0.82850	2.04144
c 30894-001	CORONA (SWAKUM MT)	092/I/07/E:SE-104	50.26	120.71	MA-85-41		GREENSTONE	UNKNOWN	QUARTZ VEIN	GL	18.852	15.594	38.428	0.82716	2.03841
c 30895-001	THELMA (SWAKUM MT)	092/I/07/E:SE-101	50.27	120.70	MA-85-39		LIMESTONE /GREENSTONE CONTACT	UNKNOWN	STRATABOUND	GL	18.852	15.586	38.404	0.82675	2.03713
c 30896-001	BERNICE (SWAKUM MT)	092/I/07/E:SE-102	50.27	120.70	MA-85-40		GREENSTONE	UNKNOWN	VEIN	GL	18.858	15.599	38.454	0.82719	2.03920
c 30904-001	WOLF	103/P/12/E:NW-198	55.72	129.53	P THIERSCH: DV29: DEVLIN 1987		DACITE	JURASSIC	REPLACEMENT (VEIN)	GL	18.859	15.613	38.464	0.82789	2.03960
c 30916-001	BLACKDOME	092/O/08/W:SE-053	51.33	122.49			RHYOLITE, DACITE	EOCENE	VEIN	GL	18.754	15.577	38.303	0.83061	2.04241
c 30916-001R	BLACKDOME	092/O/08/W:SE-053	51.33	122.49			RHYOLITE, DACITE	EOCENE	VEIN	GL	18.764	15.590	38.341	0.83083	2.04331
c 30916-001A	BLACKDOME	092/O/08/W:SE-053	51.33	122.49			RHYOLITE, DACITE	EOCENE	VEIN	GL	18.759	15.584	38.322	0.83072	2.04286
c 30923-001	START	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 1		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.150	15.654	38.749	0.81747	2.02347
c 30923-001R	START	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 1		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.132	15.629	38.642	0.81609	2.01981
c 30923-001A	START (N=2)	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 1		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.141	15.642	38.696	0.81718	2.02164
c 30923-002	START	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 2		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.159	15.663	38.719	0.81755	2.02099
c 30923-002R	START	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 2		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.134	15.641	38.683	0.81746	2.02178
c 30923-002A	START (N=2)	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 2		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.142	15.648	38.716	0.81746	2.02261
c 30923-003	START	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 3		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.114	15.621	38.629	0.81729	2.02101
c 30923-003R	START	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 3		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.121	15.628	38.643	0.81733	2.02098
c 30923-003A	START (N=2)	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 3		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.118	15.635	38.636	0.81731	2.02099
c 30923-AVG	START (N=3)	104/B/01/E:SW-051	56.10	130.00	D ALLDRICK: START 1,2,3		HAZELTON GP: UNUK R FM: DACITE LAPILLI TUFF	EARLY JURASSIC, 175Ma	VEIN (HIGH LVL EPITHERM?)	GL	19.134	15.638	38.683	0.81731	2.02175
c 30929-001	SURPRISE CREEK (NORADCO)	104/A/04/E:SW-002	56.20	129.57	K ROSE, GUNNEX: GEOL 418 TRAY 37 SPEC-1		HAZELTON GP:	JURASSIC	VEIN	GL	19.125	15.611	38.589	0.81628	2.01774
c 30929-002	SURPRISE CREEK (NORADCO)	104/A/04/E:SW-002	56.20	129.57	K ROSE, GUNNEX: GEOL 418 TRAY 37 SPEC-2		HAZELTON GP:	JURASSIC	VEIN	GL	19.144	15.630	38.637	0.81644	2.01818
c 30929-AVG	SURPRISE CREEK (NORADCO, N=2)	104/A/04/E:SW-002	56.20	129.57	K ROSE, GUNNEX: GEOL 418 TRAY 37 SPEC-1, -2		HAZELTON GP:	JURASSIC	VEIN	GL	19.135	15.621	38.613	0.81636	2.01798
c 30939-001	INDIAN	104/B/01/E:SE-031	56.08	130.03	D ALLDRICK: IM-1: ALLDRICK ET AL., 1987		HAZELTON GP: UNUK R FM: ANDESITIC AND LAPILLI TUFF	EARLY JURASSIC	VEIN IN FAULT ZONE	GL	19.150	15.625	38.665	0.81595	2.01909
c 30939-002	INDIAN	104/B/01/E:SE-031	56.08	130.03	D ALLDRICK: IM-1A: ALLDRICK ET AL., 1987		HAZELTON GP: UNUK R FM: ANDESITIC AND LAPILLI TUFF	EARLY JURASSIC	MASSIVE VEIN IN FAULT	GL	19.159	15.621	38.650	0.81537	2.01736
c 30939-AVG	INDIAN (N=2)	104/B/01/E:SE-031	56.08	130.03	D ALLDRICK: IM-1, IM-1A: ALLDRICK ET AL., 1987		HAZELTON GP: UNUK R FM: ANDESITIC AND LAPILLI TUFF	EARLY JURASSIC	VEIN	GL	19.155	15.623	38.658	0.81566	2.01823

c 30949-001	ERIKSEN	104/K/11/W:NW-009	58.63	133.47	C GODWIN: G78ER1, UBC E COLLECTION: EAB	HAZELTON GP:	JURASSIC	VOLCANOGENIC	GL	19.089	15.619	38.583	0.81824	2.02122
c 30949-001	ERIKSEN	104/K/11/W:NW-009	58.63	133.47	C GODWIN: G78ER1, UBC E COLLECTION: EAB	HAZELTON GP:	JURASSIC	VOLCANOGENIC	GL	19.103	15.636	38.638	0.81848	2.02259
c 30949-001	ERIKSEN	104/K/11/W:NW-009	58.63	133.47	C GODWIN: G78ER1, UBC E COLLECTION: EAB	HAZELTON GP:	JURASSIC	VOLCANOGENIC	GL	19.116	15.646	38.687	0.81851	2.02384
c 50055-001	JARVIS	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-1 N PIT: ALLDRICK ET AL., 1987	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.164	15.607	38.579	0.81439	2.01307
c 50055-001D	JARVIS	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-1 N PIT: ALLDRICK ET AL., 1987	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.114	15.642	38.555	0.81835	2.01708
c 50055-001A	JARVIS (N=2)	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-1 N PIT: ALLDRICK ET AL., 1987	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.137	15.625	38.567	0.81637	2.01507
c 50055-002	JARVIS	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-7: ALLDRICK ET AL., 1987	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.158	15.625	38.616	0.81556	2.01560
c 50055-002R	JARVIS	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-7	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.180	15.643	38.695	0.81561	2.01750
c 50055-002A	JARVIS (N=2)	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-7	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.167	15.634	38.657	0.81558	2.01654
c 50055-003	JARVIS	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-11: ALLDRICK ET AL., 1987	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.174	15.635	38.656	0.81545	2.01608
c 50055-AVG	JARVIS (N=3)	103/O/16/E:NE-	55.99	130.07	D ALLDRICK: JA-1,7,11: ALLDRICK ET AL., 1987	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN	GL	19.168	15.625	38.631	0.81514	2.01523
c 50058-001	RIVERSIDE	104/B/01/E:SE-073	56.00	130.07	D ALLDRICK: AB4-4-6	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN, MESOTHERMAL WO+AG	GL	19.191	15.656	38.726	0.81578	2.01786
c 50058-001R	RIVERSIDE	104/B/01/E:SE-073	56.00	130.07	D ALLDRICK: AB4-4-6	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN, MESOTHERMAL WO+AG	GL	19.160	15.621	38.594	0.81529	2.01433
c 50058-001A	RIVERSIDE (N=2)	104/B/01/E:SE-073	56.00	130.07	D ALLDRICK: AB4-4-6	TEXAS CREEK GRANODIORITE	EARLY JURASSIC, 200Ma	VEIN, MESOTHERMAL WO+AG	GL	19.176	15.639	38.610	0.81553	2.01605

TABLE 5.5OW.
Location, References, Host Units, and Deposit Type for Samples in the Omineca West (Pericratonic) Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE #	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
o 10074-001	CASINO (C-TRENCH)	115/J/10/W:NE-012	62.73	138.82	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	VEIN PB AG	GL	19.212	15.612	38.765	0.81262	2.01775
o 10074-002	CASINO (C-TRENCH)	115/J/10/W:NE-012	62.73	138.82	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	VEIN PB AG	GL	19.282	15.668	39.101	0.81257	2.02785
o 10074-003	CASINO (C-TRENCH)	115/J/10/W:NE-012	62.73	138.82	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	VEIN PB AG	GL	19.046	15.617	38.746	0.81996	2.03434
o 10074-004	CASINO (BOMBER)	115/J/10/W:NE-012	62.72	138.83	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	VEIN PB AG BA	GL	19.203	15.648	38.840	0.81487	2.02260
o 10074-005	CASINO (PORPHYRY)	115/J/10/W:NE-012	62.73	138.84	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	PORPHYRY CU MO W AU	GL	19.239	15.626	38.761	0.81220	2.01471
o 10074-006	CASINO (PORPHYRY)	115/J/10/W:NE-012	62.73	138.84	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	PORPHYRY CU MO W AU	GL	19.266	15.631	38.804	0.81133	2.01412
o 10074-007	CASINO (BOMBER)	115/J/10/W:NE-012	62.72	138.83	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	VEIN PB AG BA	GL	19.240	15.625	39.910	0.81211	2.07432
o 10074-AVG	CASINO (N=7)	115/J/10/W:NE-012	62.72	138.83	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLOTASSIN GDTE: TERT CASINO VOLCANIC PORPHYRY	TERTIARY PORPH: K-AR 70MA	PORPHYRY & VEIN	GL	19.212	15.632	38.990	0.81366	2.02946
o 10100-001	HOO	105/G/12/E:NW-009	61.53	131.57	C GODWIN, D EATON	CHLORITE, BIOTITE SCHIST, LIMESTONE: TERT BASALT	UNKNOWN	VOLCANOGENIC?	GL	18.933	15.705	38.804	0.82950	2.04954
o 10100-001R	HOO	105/G/12/E:NW-009	61.53	131.57	C GODWIN, D EATON	CHLORITE, BIOTITE SCHIST, LIMESTONE: TERT BASALT	UNKNOWN	VOLCANOGENIC?	GL	18.877	15.698	38.651	0.83159	2.04752
o 10100-001A	HOO (N=2)	105/G/12/E:NW-009	61.53	131.57	C GODWIN, D EATON	CHLORITE, BIOTITE SCHIST, LIMESTONE: TERT BASALT	UNKNOWN	VOLCANOGENIC?	GL	18.905	15.702	38.728	0.83057	2.04856
o 10103-001	RED FOX	115/I/06/E:SW-032	62.30	137.16	D SINCLAIR, GEOL SURV CAN: GODWIN, SINCLAIR & RYAN 1982	UNKNOWN	CRETACEOUS -TERTIARY?	PORPHYRY?	GL	19.120	15.579	38.766	0.81480	2.02751
o 10103-001R	RED FOX	115/I/06/E:SW-032	62.30	137.16	D SINCLAIR, GEOL SURV CAN	UNKNOWN	CRETACEOUS -TERTIARY?	PORPHYRY?	GL	19.225	15.715	39.028	0.81742	2.03007
o 10103-001A	RED FOX (N=2)	115/I/06/E:SW-032	62.30	137.16	D SINCLAIR, GEOL SURV CAN	UNKNOWN	CRETACEOUS -TERTIARY?	PORPHYRY?	GL	19.173	15.647	38.897	0.81610	2.02874
o 10104-001	TINTA HILL	115/I/07/W:SE-037	62.28	136.97	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	GRANODIORITE	CRETACEOUS?	VEIN	GL	19.200	15.650	38.814	0.81510	2.02156
o 10104-002	TINTA HILL	115/I/07/W:SE-037	62.28	136.97	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	GRANODIORITE	CRETACEOUS?	VEIN	GL	19.162	15.607	38.808	0.81448	2.02526
o 10104-AVG	TINTA HILL (N=2)	115/I/07/W:SE-037	62.28	136.97	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	GRANODIORITE	CRETACEOUS?	VEIN	GL	19.181	15.628	38.811	0.81476	2.02341
o 10105-001	OREKON SYNDICATE (KINGSOL DOME	115/O/15/W:NE-034	63.88	138.92	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	UNKNOWN	CRETACEOUS -TERTIARY	VEIN	GL	19.814	15.745	39.328	0.79464	1.98486
o 10106-001	MOSQUITO (CONNAUGHT)	115/N/15/E:NE-013	63.92	140.72	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	KLONDIKE SCHIST	CRETACEOUS -TERTIARY	VEIN	GL	19.303	15.559	39.028	0.80604	2.02186
o 10106-002	MOSQUITO (CONNAUGHT)	115/N/15/E:NE-013	63.92	140.78	C GODWIN	KLONDYKE SCHIST?	UNKNOWN	VEIN	GL	19.190	15.712	39.214	0.81876	2.04346
o 10107-001	SILVER CITY	116/B/05/W:SW-005	64.32	139.83	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	GREENSTONE, SCHIST	CRETACEOUS?	VEIN AG PB	GL	19.197	15.681	39.110	0.81685	2.03730

o	10113-501	FYRE LAKE	105/G/02/E:SE-022	61.23	130.51	KUO & FOLINSBEE 1974: 10113001	SCHIST	HADRYNIAN: CRET RELATED?	VEIN?	GL	19.360	15.767	39.491	0.81441	2.03982
o	10140-001	LILY PAD	115/I/05/W:SW-021	62.45	137.95	D CATON	NANSEN VOLCANICS: ANDESITE LAPILLI TUFF	CRETACEOUS -TERTIARY	VEIN	GL	18.926	15.516	38.409	0.81983	2.02943
o	10142-001	BROWN MCDADE	115/I/03/E:SW-039	62.05	137.14	C GODWIN	YUKON GROUP	CRETACEOUS: TERT RELATED	VEIN AU	GL	19.078	15.640	38.546	0.81979	2.02044
c	10146-001	CAROL (ROMAN)	105/A/02/E:SE-003	60.03	128.76	J ROWE: CORDILLERAN ENGINEERING	UNKNOWN: PHYLLITE	CAMBRIAN?	VEIN	GL	19.669	15.754	39.743	0.80097	2.02055
c	10172-001	NAZO (ROMAN)	105/A/02/E:SE-002	60.03	128.63	C SCOTT: PAMICON DEV.	GRAPHITIC SHALE	ORDOVICIAN?	VEIN	GL	19.477	15.723	39.583	0.80727	2.03233
o	30310-001	RUBY SILVER	082/K/13/E:NW-078	50.87	117.57	J LEASK: ANDREW, GODWIN & SINCLAIR 1984	LARDEAU GP: GOG FM: LIMESTONE	EARLY CAMBRIAN	STRATABOUND, VEIN?	GL	18.614	15.547	38.062	0.83523	2.04481
o	30311-001	KOOTENAY BELLE	082/F/03/E:NW-046	49.15	117.05	UBC E COLL #21: ANDREW, GODWIN & SINCLAIR 1984	RENO -LAIB FM: ARGILLITE, LIMESTONE, QUARTZITE	EARLY CAMBRIAN	VEIN	GL	18.914	15.725	38.639	0.83139	2.04268
o	30312-001#	QUEEN	082/F/03/E:SW-048	49.15	117.12	B RYAN	QUARTZITE RANGE FM: QUARTZITE	EARLY CAMBRIAN: TERT REL?	VEIN	GL	19.187	15.692	39.533	0.81785	2.06040
o	30312-501!	QUEEN	082/F/03/E:SW-048	49.15	117.12	BROWN 1962: 1001695	QUARTZITE RANGE FM: QUARTZITE	EARLY CAMBRIAN: TERT REL?	VEIN	GL	19.220	15.750	39.520	0.81948	2.05819
o	30312-503!	QUEEN	082/F/03/E:SW-048	49.15	117.12	RUSSELL & FARQUHAR 1960: QN15695	QUARTZITE RANGE FM: QUARTZITE	EARLY CAMBRIAN: TERT REL?	VEIN	GL	19.222	15.748	39.562	0.81927	2.05816
o	30324-001	STANDARD	082/E/04/E:SW-091	49.20	119.63	UBC E COLLECTION	QUARTZ MONZONITE	JURASSIC: JUR RELATED?	VEIN	GL	19.056	15.674	38.791	0.82252	2.03563
o	30333-001	CENTER STAR	082/F/06/E:SW-066	49.28	117.18	B RYAN	ROSSLAND GP: YMIR FM:	JURASSIC	VEIN	GL	19.074	15.638	38.843	0.81986	2.03644
o	30336-001	HUMMING BIRD	082/F/06/E:SW-210	49.47	117.17	B RYAN	ROSSLAND GP: YMIR FM: NELSON GRANITE	JURASSIC	VEIN?	GL	18.889	15.529	38.358	0.82212	2.03060
o	30354-001	DOUBLE STANDARD	082/F/03/E:SW-015	49.24	117.17	B RYAN	SCHISTS: NELSON GRANITE	CAMBRIAN?: JURASSIC REL	VEIN	GL	19.212	15.690	39.418	0.81668	2.05174
o	30356-001	HUNTER VEIN	082/F/03/E:SW-014	49.24	117.16	B RYAN	SCHISTS: NELSON GRANITE	CAMBRIAN?: JURASSIC REL	VEIN	GL	19.271	15.671	39.262	0.81319	2.03736
o	30357-001	PROVIDENCE	082/E/02/E:SE-001	49.11	118.67	B RYAN	ANARCHIST GP: SCHIST: GRANODIORITE	PERMIAN?: E CRET RELATED	VEIN	GL	19.035	15.630	38.681	0.82112	2.03210
o	30358-001#	SCRANTON	082/F/14/E:NW-112	49.79	117.05	B RYAN: ANDREW, GODWIN & SINCLAIR 1984	NELSON GRANITE	JURASSIC	VEIN	GL	18.988	15.633	38.897	0.82331	2.04850
o	30358-501!	SCRANTON	082/F/14/E:NW-112	49.79	117.05	A SINCLAIR 1964: 3264295	NELSON GRANITE	JURASSIC	VEIN	GL	19.062	15.901	39.568	0.83417	2.07575
o	30358-501!	SCRANTON	082/F/14/E:NW-112	49.79	117.05	A SINCLAIR 1964: 3264295: REYNOLDS & SINCLAIR 1971	NELSON GRANITE	JURASSIC	VEIN	GL	18.867	15.643	38.648	0.82912	2.04844
o	30356-503!	SCRANTON	082/F/14/E:NW-112	49.79	117.05	COX 1979: SCR	NELSON GRANITE	JURASSIC	VEIN	GL	18.998	15.685	38.899	0.82570	2.04775
o	30358-504#	SCRANTON	082/F/14/E:NW-112	49.79	117.05	P LECOUTEUR 1973: SC295*	NELSON GRANITE	JURASSIC	VEIN	GL	18.889	15.661	38.715	0.82911	2.04961
o	30359-501	UTICA	082/F/14/E:NW-086	49.98	117.13	P LECOUTEUR 1973: UT896	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.790	15.640	39.010	0.83238	2.07610
o	30359-501$	UTICA	082/F/14/E:NW-086	49.98	117.13	P LECOUTEUR 1973: UT896: ANDREW, GODWIN & SINCLAIR 1984	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.785	15.632	38.991	0.83215	2.07565
o	30359-502	UTICA	082/F/14/E:NW-086	49.98	117.13	B RYAN: ANDREW, GODWIN & SINCLAIR 1984	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.985	15.564	38.560	0.81981	2.03108
o	30363-001	WOLF LAKE	082/F/03/E:SW-245	49.10	117.05	B RYAN	LAIB FM: LIMESTONE, ARGILLITE	CAMBRIAN: JURASSIC REL?	UNKNOWN	GL	19.075	15.616	38.628	0.81866	2.02506
o	30368-001	BEATRICE	082/K/13/E:NW-040	50.73	117.56	UBC E COLLECTION ES#147. E73-013-008	GRAPHITE SCHIST, SLATE, GRIT, QUARTZITE	UNKNOWN	VEIN	GL	19.207	15.681	39.167	0.81642	2.03920
o	30369-001	COLBY	082/L/10/E:NE-003	50.71	118.73	B RYAN	QUARTZITE MARBLE	STRATABOUND	UNKNOWN	GL	18.290	15.621	38.320	0.85407	2.09513
o	30370-001#	HEWITT SILVERTON	082/F/14/W:NW-065	49.93	117.31	B RYAN: ANDREW, GODWIN & SINCLAIR 1984	NELSON GRANITE	JURASSIC	VEIN	GL	18.680	15.577	38.890	0.83389	2.08191

o 30371-001	KJ	082/M/09/W:NE-147	51.55	118.31	B RYAN		PHYLLITE	UNKNOWN	VEIN	GL	19.333	15.731	39.168	0.01369	2.02587
o 30372-001	KEYSTONE	082/M/08/W:SE-089	51.46	118.31	B RYAN		SCHIST, MARBLE	PALEOZOIC	STRATABOUND	GL	19.260	15.649	39.270	0.01251	2.03894
c 30372-100	KEYSTONE	082/M/08/W:SE-089	51.46	118.31	T HOY: H77KS-1A		SCHIST, MARBLE	PALEOZOIC	STRATABOUND	GL	19.325	15.774	39.345	0.01621	2.03594
c 30372-100R	KEYSTONE	082/M/08/W:SE-089	51.46	118.31	T HOY: H77KS-1A		SCHIST, MARBLE	PALEOZOIC	STRATABOUND	GL	19.306	15.752	39.269	0.01591	2.03407
c 30372-100A	KEYSTONE (N=2)	082/M/08/W:SE-089	51.46	118.31	T HOY: H77KS-1A		SCHIST, MARBLE	PALEOZOIC	STRATABOUND	GL	19.316	15.783	39.307	0.01606	2.03500
o 30374-001	CK	082/M/13/E:NW-137	51.91	119.58	B RYAN		SHUSWAP COMPLEX: GNEISS	EARLY PALEOZOIC	UNKNOWN	GL	18.605	15.763	38.553	0.84725	2.07219
o 30375-001	SURPRISE	082/K/07/W:SE-018	50.32	116.88	UBC ECONOMIC COLLECTION ES/61. E3752-2A		REEVES -BADSHOT FM: SLATE	EARLY CAMBRIAN	VEIN	GL	18.046	15.452	37.442	0.85626	2.07481
o 30378-001	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	B RYAN		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.454	15.824	39.986	0.81341	2.05438
o 30378-501	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007-R1		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.438	15.784	39.880	0.81202	2.05165
o 30378-502A	BIG LEDGE (N=2)	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007-R2		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.496	15.872	40.189	0.81412	2.05140
o 30378-503	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007R72		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PY	19.418	15.780	39.869	0.81265	2.05320
o 30378-504A	BIG LEDGE (N=2)	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007104		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.514	15.867	40.141	0.81311	2.05704
o 30378-505	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007122		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.452	15.789	39.948	0.81189	2.05357
o 30378-506	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007133		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PR	19.395	15.775	39.764	0.81335	2.05022
o 30378-507	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007319		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PY	19.373	15.712	39.681	0.81103	2.04826
o 30378-508	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007365		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.419	15.806	40.025	0.81395	2.05113
o 30378-509	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007411		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PY	19.457	15.764	39.798	0.81020	2.04543
o 30378-510	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007413		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PY	19.389	15.771	39.887	0.81340	2.05720
o 30378-511	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007423		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PY	19.449	15.832	40.044	0.81403	2.05892
o 30378-512	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007438		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PR	19.470	15.778	39.887	0.81037	2.04884
o 30378-513	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007449		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PY	19.333	15.744	39.742	0.81436	2.05586
o 30378-514	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007468		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.389	15.760	39.837	0.81283	2.05462
o 30378-515	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007468		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PY	19.408	15.773	39.873	0.81271	2.05448
o 30378-516	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUDJURDIS 1973: 9007468		SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	PR	19.435	15.764	39.805	0.81111	2.04816

o 30378-5171	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	DUNCAN 1982: BL-80	SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY PALEOZOIC?	STRATABOUND	GL	19.579	15.851	40.101	0.80959	2.04816
o 30378-AVG#	BIG LEDGE (N=16)	082/L/08/E:SE-012	50.47	118.04	CUMMING & GUOJUROIS 1973	SHUSWAP COMPLEX: MARBLE, QUARTZITE, GNEISS	EARLY. PALEOZOIC?	STRATABOUND	PY	19.427	15.786	39.898	0.81256	2.05372
o 30416-001	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.241	15.621	38.349	0.85637	2.10235
o 30416-002D	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	VEIN QZ	GL	18.035	15.693	38.969	0.83318	2.06887
o 30416-003	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.234	15.671	38.391	0.85944	2.10546
o 30416-004	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.174	15.653	38.267	0.86128	2.10559
o 30416-005	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.190	15.657	38.216	0.86075	2.10094
o 30416-006	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.189	15.660	38.427	0.86096	2.11285
o 30416-007!	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.116	15.566	38.070	0.85924	2.10146
o 30416-007D	COMIN THRO BEAR	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.159	15.621	38.161	0.86023	2.10149
o 30416-AVG	COMIN THRO BEAR (N=7)	093/A/14/E:NW-148	52.88	121.04	P HOLBEK	CARBONATE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.186	15.636	38.269	0.85978	2.10431
o 30419-008	BEAVERDELL (WALLACE)	082/E/06/E:SE-	49.43	119.05	WATSON, GODWIN & CHRISTOPHER 1982	WALLACE SCHIST	PERMIAN: JUR RELATED	VEIN	GL	18.583	15.603	38.412	0.83964	2.06705
o 30426-001	PIN MONEY	093/H/03/W:SW-	53.03	121.49	B PRICE: ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.184	15.720	39.225	0.81943	2.04467
o 30426-001R	PIN MONEY	093/H/03/W:SW-	53.03	121.49	B PRICE: ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.195	15.729	39.213	0.81943	2.04288
o 30426-001A	PIN MONEY (N=2)	093/H/03/W:SW-	53.03	121.49	B PRICE: ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.189	15.725	39.219	0.81948	2.04383
o 30426-002	PIN MONEY	093/H/03/W:SW-	53.03	121.49	B PRICE: ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.245	15.783	39.417	0.82011	2.04817
o 30426-AVG	PIN MONEY (N=2)	093/H/03/W:SW-	53.03	121.49	B PRICE: ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.217	15.754	39.318	0.81980	2.04600
o 30427-001	MOSQUITO CREEK	093/H/04/W:SW-010	53.10	121.57	A ANDREW	SNOWSHOE GP: PACKER FM: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.238	15.790	39.378	0.82077	2.04689
o 30427-001R	MOSQUITO CREEK	093/H/04/W:SW-010	53.10	121.57	A ANDREW: ANDREW 1982	SNOWSHOE GP: PACKER FM: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.167	15.780	39.268	0.82225	2.04873
o 30427-002	MOSQUITO CREEK	093/H/04/W:SW-010	53.10	121.57	A ANDREW	SNOWSHOE GP: PACKER FM: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	18.943	15.750	39.120	0.83144	2.06556
o 30427-002R	MOSQUITO CREEK	093/H/04/E:SW-010	53.10	121.57	A ANDREW: ANDREW 1982	SNOWSHOE GP: PACKER FM: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.046	15.745	39.133	0.82668	2.05486
o 30427-AVG	MOSQUITO CREEK (N=2)	093/H/04/W:SW-010	53.10	121.57	A ANDREW: ANDREW 1982	SNOWSHOE GP: PACKER FM: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.107	15.752	39.200	0.82441	2.05180
o 30428-001	SHOWING	093/A/15/W:NE-	52.80	120.90	P HOLBEK	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	18.202	15.595	37.660	0.85677	2.06900
o 30429-001	SHOWING	093/A/15/W:NE-	52.78	120.85	P HOLBEK	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	18.341	15.713	38.013	0.85671	2.07257
o 30429-001D	SHOWING	093/A/15/W:NE-	52.78	120.85	P HOLBEK	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	18.390	15.743	38.070	0.85606	2.07015
o 30429-001A	SHOWING (N=2)	093/A/15/W:NE-	52.78	120.85	P HOLBEK	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	18.366	15.728	38.042	0.85637	2.07133

o 30431-001	CARIBOO GOLD QUARTZ	093/H/04/E:SW-019	53.08	121.55	A ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.163	15.692	39.064	0.81887	2.03851
o 30431-001R!	CARIBOO GOLD QUARTZ	093/H/04/E:SW-	53.08	121.55	A ANDREW	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.242	15.764	39.269	0.81925	2.04080
o 30431-002	CARIBOO GOLD QUARTZ	093/H/04/E:SW-019	53.08	121.55	C GODWIN: G79CC-001: ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.202	15.703	39.198	0.81778	2.04135
o 30431-AVG	CARIBOO GOLD QUARTZ (N=2)	093/H/04/E:SW-019	53.08	121.55	C GODWIN, A ANDREW: ANDREW 1982	SNOWSHOE GP: CLASTIC SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.183	15.698	39.131	0.81833	2.03988
o 30448-501!	REEVES MACDONALD	082/F/03/W:SW-026	49.02	117.36	A SINCLAIR 1964: 1206285	REEVES CARBONATE	CAMBRIAN	CARBONATE HOSTED	GL	19.248	15.911	39.943	0.82663	2.07518
o 30448-502#	REEVES MACDONALD	082/F/03/W:SW-026	49.02	117.36	P LECOUTEUR 1973: RE285*	REEVES CARBONATE	CAMBRIAN	CARBONATE HOSTED	GL	19.076	15.738	39.386	0.82502	2.06469
o 30448-503!	REEVES MACDONALD	082/F/03/W:SW-026	49.02	117.36	A SINCLAIR 1964: 1206293	REEVES CARBONATE	CAMBRIAN	CARBONATE HOSTED	GL	19.199	15.913	39.869	0.82685	2.07662
o 30448-503!	REEVES MACDONALD	082/F/03/W:SW-026	49.02	117.36	SINCLAIR 1964: 1206293: REYNOLDS & SINCLAIR 1971	REEVES CARBONATE	CAMBRIAN	CARBONATE HOSTED	GL	19.057	15.751	39.270	0.82652	2.08096
o 30449-001	SYLVANNA	082/F/03/W:SW-	49.00	117.36	DICKENSON MINES			STRATABOUND	GL	18.710	15.621	38.992	0.83490	2.08402
o 30450-001	KOOTENAY FLORENCE	082/F/15/W:NE-016	49.77	116.92	A ANDREW	MILFORD GP: CARBONATE	DEVONIAN -E CARBONIFEROUS	STRATABOUND CARBONATE	GL	18.807	15.627	39.062	0.83091	2.07699
o 30450-501#	KOOTENAY FLORENCE	082/F/15/W:NE-016	49.77	116.92	P LECOUTEUR 1973: KF909	MILFORD GP: CARBONATE	DEVONIAN -E CARBONIFEROUS	STRATABOUND CARBONATE	GL	17.463	15.488	37.969	0.88690	2.17425
o 30451-001	YMIR	082/F/06/E:SW-	49.32	117.17	C GODWIN: FROM MILL DUMP	ROSSLAND GP: YMIR FM: SCHIST	JURASSIC	VEIN	GL	19.055	15.660	38.841	0.82183	2.03836
o 30451-002	YMIR	082/F/06/E:SW-	49.32	117.17	C GODWIN: FROM MILL DUMP	ROSSLAND GP: YMIR FM: SCHIST	JURASSIC	VEIN	GL	19.076	15.698	38.934	0.82281	2.04099
o 30451-501!	YMIR	082/F/06/E:SW-074	49.33	117.17	R RUSSELL & R FARQUHAR 1960: 1023696	ROSSLAND GP: YMIR FM: SCHIST	JURASSIC	VEIN	GL	19.224	15.892	39.239	0.82668	2.04115
o 30451-502#	YMIR	082/F/06/E:SW-074	49.33	117.17	P LECOUTEUR 1973: YM886	ROSSLAND GP: YMIR FM: SCHIST	JURASSIC	VEIN	GL	18.989	15.675	38.776	0.82548	2.04202
o 30452-001	GALENA CREEK	082/M/04/W:SE-	51.40	118.43	A ANDREW	SCHIST		VEIN	GL	19.969	15.750	39.874	0.78872	1.99680
o 30452-002	GALENA CREEK	082/M/04/W:SE-	51.40	118.43	A ANDREW	SCHIST		VEIN	GL	19.911	15.711	39.846	0.78908	1.99118
o 30452-003	GALENA CREEK	082/M/04/W:SE-	51.40	118.43	A ANDREW	SCHIST		VEIN	GL	20.028	15.683	39.650	0.78305	1.97973
o 30452-00A	GALENA CREEK	082/M/04/W:SE-	51.40	118.43	A ANDREW	SCHIST		VEIN	GL	20.194	15.727	39.977	0.77880	1.97985
c 30452-006	GALENA CREEK	082/M/04/W:SE-	51.40	118.43	C GODWIN	LIMESTONE	CAMBRIAN?	UNKNOWN	GL	19.921	15.709	39.804	0.78853	1.98803
o 30462-003	ASPEN	082/F/03/E:SW-001	49.18	117.18	M DE QUADROS:	REEVES FM: UPPER LIMESTONE, DOLOSTONE BRECCIA	EARLY CAMBRIAN	VEIN	GL	18.910	15.620	38.946	0.82602	2.05054
o 30462-005	ASPEN	082/F/03/E:SW-001	49.18	117.18	M DE QUADROS:	REEVES FM: MIDDLE LIMESTONE, DOLOSTONE BRECCIA	EARLY CAMBRIAN	VEIN,	GL	19.002	15.628	38.948	0.82244	2.04957
o 30462-007	ASPEN	082/F/03/E:SW-001	49.18	117.18	M DE QUADROS:	REEVES FM: MIDDLE LIMESTONE, DOLOSTONE BRECCIA	EARLY CAMBRIAN	VEIN	GL	19.095	15.656	39.215	0.81990	2.05368
o 30479-001	OTTAWA	082/F/14/W:NW-155	49.79	117.40	PAMICAN DEVELOPMENT: ANDREW, GODWIN & SINCLAIR 1984	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	18.840	15.655	39.100	0.83095	2.07537
o 30479-501	OTTAWA	082/F/14/W:NW-155	49.79	117.40	P LECOUTEUR 1973: OT870*	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	18.878	15.642	39.072	0.82058	2.08971
c 30498-001	MAMMOTH (SCOUT)	082/K/13/E:NW-077	50.87	117.56	J WEICK: CARLTON UNIV: M2-02	INCHY? FM: LIMESTONE & PHYLLITE	CAMBRIAN	EPIGENETIC VEIN	GL	19.320	15.724	39.301	0.81365	2.03417
c 30498-001R	MAMMOTH (SCOUT)	082/K/13/E:NW-077	50.87	117.56	J WEICK: CARLTON UNIV: M2-02	INCHY? FM: LIMESTONE & PHYLLITE	CAMBRIAN	EPIGENETIC VEIN	GL	19.342	15.738	39.371	0.81367	2.03552
c 30498-001A	MAMMOTH (SCOUT) (N=2)	082/K/13/E:NW-077	50.87	117.56	J WEICK: CARLTON UNIV: M2-02	INCHY? FM: LIMESTONE & PHYLLITE	CAMBRIAN	EPIGENETIC VEIN	GL	19.331	15.731	39.336	0.81378	2.03484
c 30497-001	TRUE FISSURE (BROADVIEW)	082/K/12/E:NW-031	50.71	117.50	J WEICK: CARLTON UNIV.	JOWETT BROADVIEW	CAMBRIAN -DEVONIAN	VEIN	GL	19.308	15.715	39.352	0.81392	2.03813
c 30497-002	TRUE FISSURE (BROADVIEW)	082/K/12/E:NW-031	50.71	117.50	J WEICK: CARLTON UNIV: B406	JOWETT BROADVIEW	CAMBRIAN -DEVONIAN	VOLCANOGENIC	GL	19.301	15.717	39.354	0.81427	2.03897

c 30497-003	TRUE FISSURE (BROADVIEW)	082/K/12/E:NW-031	50.71	117.50	J WEICK: CARLTON UNIV: B4-04		JOWETT BROADVIEW	CAMBRIAN -DEVONIAN	VOLCANOGENIC	GL	19.266	15.694	39.236	0.81400	2.03651
c 30497-004	TRUE FISSURE (BROADVIEW)	082/K/12/E:NW-031	50.71	117.50	J WEICK: CARLTON UNIV: B-01		JOWETT BROADVIEW	CAMBRIAN -DEVONIAN	VOLCANOGENIC	GL	19.286	15.711	39.291	0.81464	2.03732
c 30497-100	TRUE FISSURE	082/K/11/E:NW-031	50.71	117.49	G CROWE		JOWETT BROADVIEW	CAMBRIAN -DEVONIAN	VEIN	GL	19.309	15.702	39.345	0.81315	2.03759
c 30497-102	TRUE FISSURE	082/K/11/E:NW-030	50.71	117.49	G CROWE		JOWETT BROADVIEW	CAMBRIAN -DEVONIAN	VEIN	GL	19.303	15.706	39.339	0.81369	2.03799
c 30497-1031	TRUE FISSURE	082/K/11/E:NW-030	50.71	117.49	G CROWE		JOWETT BROADVIEW	CAMBRIAN -DEVONIAN	VEIN	PY	19.157	15.702	39.130	0.81966	2.04262
c 30498-001	KITSAP-BUTTE	082/K/13/E:NW-148	50.81	117.56	J WEICK: CARLTON UNIV: L1-07		INDEX FM: MARBLE /GREEN CHLORITE PHYLLITE CONTACT	CAMBRIAN	STRATIFORM	GL	18.307	15.673	38.272	0.85616	2.09065
c 30498-002	KITSAP-BUTTE	082/K/13/E:NW-148	50.81	117.56	J WEICK: CARLTON UNIV: L3-02		INDEX FM: MARBLE /GREEN CHLORITE PHYLLITE CONTACT	CAMBRIAN	STRATIFORM	GL	18.301	15.651	38.243	0.85523	2.08971
c 30498-003	KITSAP	082/K/13/E:NW-148	50.81	117.56	J WEICK: CARLTON UNIV: L5-02		INDEX FM: MARBLE /GREEN CHLORITE PHYLLITE CONTACT	CAMBRIAN	STRATIFORM	GL	18.319	15.665	38.329	0.85513	2.09224
c 30499-001	SCOUT	082/K/13/E:NW-139	50.86	117.57	J WEICK: CARLTON UNIV: S-01		INDEX FM: MARBLE	CAMBRIAN	EPIGENETIC VEIN	GL	19.327	15.715	39.283	0.81312	2.03257
o 30503-501	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.520	15.600	38.310	0.84233	2.06858
o 30503-502	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.480	15.600	38.260	0.84416	2.07035
o 30503-503	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.260	15.610	37.320	0.85487	2.04381
o 30503-504	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.600	15.610	38.320	0.83925	2.06021
o 30503-505	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.530	15.570	38.060	0.84026	2.05397
o 30503-506	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.570	15.600	38.360	0.84006	2.06570
o 30503-507	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	19.090	15.700	38.900	0.82242	2.03772
o 30503-508	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.530	15.630	38.360	0.84350	2.07016
o 30503-509	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.670	15.580	38.190	0.83449	2.04553
o 30503-510	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.310	15.560	38.020	0.84981	2.07646
o 30503-511	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.390	15.600	38.230	0.84829	2.07885
o 30503-512	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	CP	18.660	15.620	38.370	0.83708	2.05627
o 30503-513	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984		FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	PY	18.410	15.560	38.160	0.84628	2.07279

o 30503-514	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	PY	18.680	15.630	38.510	0.83672	2.	06156
o 30503-515	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	PY	18.680	15.620	38.360	0.83619	2.	05353
o 30503-516	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	PY	19.030	15.680	39.000	0.82396	2.	04940
o 30503-517	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	PY	18.860	15.650	38.500	0.82980	2.	04136
o 30503-518	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLANOGENIC: CYPRUS TYPE	PY	18.250	15.600	37.870	0.85479	2.	07507
o 30503-519	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	RK	20.400	15.790	38.060	0.77402	1.	86569
o 30503-520	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	RK	18.170	15.560	37.790	0.85636	2.	07980
o 30503-521	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	RK	18.500	15.580	38.060	0.84216	2.	05730
o 30503-522	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	RK	18.520	15.590	37.990	0.84179	2.	05130
o 30503-523	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOTENIC: CYPRUS TYPE	RK	18.740	15.610	37.920	0.83298	2.	02348
o 30503-524	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOTENIC: CYPRUS TYPE	RK	18.660	15.610	38.390	0.83655	2.	05734
o 30503-525	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	RK	18.480	15.570	38.060	0.84253	2.	05952
o 30503-526	CHU CHUA	092/P/08/E:SE-140	51.38	120.07	AGGARWAL AND NESBITT 1984	FENNELL FM: BASALT	EARLY CARBONIF - LATE PER	VOLCANOGENIC: CYPRUS TYPE	RK	18.630	15.630	38.380	0.83897	2.	06012
c 30504-001I	ENARGITE	082/M/05/W:SW-064	51.35	119.99	F GOUTIER 1986	EAGLE BAY FM: METASEDIMENTS	EARLY CARBONIFEROUS	VEIN (FAULT ASSOC.)	GL	19.079	15.664	38.875	0.82103	2.	03761
c 30504-001R	ENARGITE	082/M/05/W:SW-064	51.35	119.99	F GOUTIER 1986	EAGLE BAY FM: METASEDIMENTS	EARLY CARBONIFEROUS	VEIN (FAULT ASSOC.)	GL	19.090	15.688	38.981	0.82178	2.	04193
c 30504-001R	ENARGITE	082/M/05/W:SW-064	51.35	119.99	F GOUTIER 1986	EAGLE BAY FM: METASEDIMENTS	EARLY CARBONIFEROUS	VEIN (FAULT ASSOC.)	GL	19.101	15.692	38.993	0.82156	2.	04144
c 30504-001A	ENARGITE (N=2)	082/M/05/W:SW-064	51.35	119.99	F GOUTIER 1986	EAGLE BAY FM: METASEDIMENTS	EARLY CARBONIFEROUS	VEIN (FAULT ASSOC.)	GL	19.096	15.690	38.987	0.82167	2.	04189
c 30505-001I	FOGHORN	082/M/12/W:NW-008	51.54	119.93	F GOUTIER 1986: 007	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	18.915	15.516	38.537	0.82029	2.	03737
c 30505-001R1	FOGHORN	082/M/12/W:NW-008	51.54	119.93	F GOUTIER 1986: 007	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.073	15.680	38.959	0.82208	2.	04260
c 30505-002	FOGHORN	082/M/12/W:NW-008	51.54	119.93	F GOUTIER 1986: 011	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.190	15.708	39.140	0.81857	2.	03960
c 30505-002R	FOGHORN	082/M/12/W:NW-008	51.54	119.93	F GOUTIER 1986: 011	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.202	15.693	39.077	0.81729	2.	03505
c 30505-002A	FOGHORN (N=2)	082/M/12/W:NW-008	51.54	119.93	F GOUTIER 1986: 011	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.196	15.701	39.109	0.81793	2.	03732
c 30505-003	FOGHORN	082/M/12/W:NW-008	51.54	119.93	F GOUTIER 1986: VEIN 007	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.225	15.713	39.146	0.81729	2.	03621

c 30505-003R	FOGHORN	082/M/12/W:NW-008	51.54	119.93	F	GOUTIER 1986: VEIN 007	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.213	15.720	39.189	0.81863	2.03573
c 30505-003A	FOGHORN (N=2)	082/M/12/W:NW-064	51.54	119.93	F	GOUTIER 1986: 007	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.219	15.721	39.168	0.81793	2.03797
c 30505-AVG	FOGHORN (N=2)	082/M/05/W:SW-064	51.54	119.93	F	GOUTIER 1986	EAGLE BAY FM: CHERTY QUARTZITE	DEVONIAN AND/OR E CARB	VEIN	GL	19.208	15.711	39.138	0.81794	2.03764
c 30506-001	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITIC FELSIC SCHIST	DEVONIAN	VEIN	GL	19.148	15.703	38.927	0.82009	2.03298
c 30506-001R	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITIC FELSIC SCHIST	DEVONIAN	VEIN	GL	19.148	15.705	38.916	0.82024	2.03245
c 30506-001R	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITIC FELSIC SCHIST	DEVONIAN	VEIN	GL	19.134	15.695	38.885	0.82026	2.03217
c 30506-001R	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITIC FELSIC SCHIST	DEVONIAN	VEIN	GL	19.033	15.633	38.681	0.82136	2.03214
c 30506-001A	AGATE BAY (N=3)	082/M/04/E:SW-053	51.08	119.75	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITIC FELSIC SCHIST	DEVONIAN	VEIN	GL	19.143	15.701	38.909	0.82020	2.03253
c 30507-001	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	F	GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	19.334	15.668	38.979	0.81042	2.01613
c 30507-001R	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	F	GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	19.344	15.687	39.042	0.81092	2.01827
c 30507-001R	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	F	GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	19.339	15.684	39.026	0.81103	2.01803
c 30507-001R1	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	F	GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	19.322	15.703	39.056	0.81268	2.02133
c 30507-001A	BECA (TOM) (N=3)	082/M/04/E:SW-055	51.05	119.71	F	GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	19.339	15.680	39.016	0.81078	2.01747
c 30508-001	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SECTION X DUMP	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE (VEIN)	GL	18.948	15.718	38.861	0.82954	2.05097
c 30508-001R	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SECTION X DUMP	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE (VEIN)	GL	18.947	15.741	38.856	0.83079	2.05079
c 30508-001A	BIRK CREEK (N=2)	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SECTION DUMP	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE (VEIN)	GL	18.948	15.730	38.859	0.83017	2.05150
c 30508-002	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SECTION X	EAGLE BAY FM: CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	18.904	15.710	38.791	0.83106	2.05204
c 30508-002R	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SECTION X	EAGLE BAY FM: CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	18.882	15.699	38.751	0.83143	2.05231
c 30508-002A	BIRK CREEK (N=2)	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SECTION X	EAGLE BAY FM: CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	18.893	15.705	38.771	0.83124	2.05217
c 30508-003!	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SECTION 012	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	18.901	15.691	38.744	0.83019	2.04982
c 30508-003R!	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: SETION 012	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	19.026	15.798	39.027	0.83034	2.05122
c 30508-004	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: VEIN SECTION 012	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	VEIN IN MASSIVE SULPHIDE	GL	18.896	15.705	38.755	0.83112	2.05101
c 30508-004R1	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F	GOUTIER 1986: VEIN SETION 012	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	VEIN IN MASSIVE SULPHIDE	GL	18.949	15.741	38.987	0.83068	2.05746

c	30508-005	BIRK CREEK	082/M/05/W:SW-059	51.33	119.90	F GOUTIER 1986: NEAR BRIDGE	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	DISSEMINATED	GL	18.893	15.721	38.829	0.83213	2.0	5517
o	30508-006	BIRK CREEK (C-C)	082/M/05/W:SW-059	51.32	119.90	C GODWIN G798A-001, V PRETO: GOUTIER 1986	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	UNKNOWN	GL	18.877	15.707	38.899	0.83207	2.0	6066
o	30508-007	BIRK CREEK (C-C)	082/M/05/W:SW-059	51.32	119.90	C GODWIN G798A-002, V PRETO: GOUTIER 1986	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	UNKNOWN	GL	18.869	15.721	38.840	0.83321	2.0	5851
c	30508-AVG	BIRK CREEK (N=5)	082/M/05/W:SW-059	51.33	119.90	F GOUTIER 1986	EAGLE BAY FM: SERICITE & CHLORITE SCHIST	DEVONIAN	MASSIVE SULPHIDE	GL	18.908	15.710	38.792	0.83197	2.0	5193
o	30509-101	BROKEN RIDGE	082/M/05/W:SW-130	51.35	119.88	V PRETO, C GODWIN: G798N-001: GOUTIER 1986	EAGLE BAY VOLCANICS	DEVONIAN	VOLCANOGENIC: KUROKO TYPE	GL	19.248	15.696	39.260	0.81546	2.0	3969
c	30511-001F	HOMESTAKE	082/M/04/W:SW-025	51.11	119.83	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLC MASSIVE SULPHIDE	GL	18.869	15.770	38.779	0.83576	2.0	5621
c	30511-001R	HOMESTAKE	082/M/04/W:SW-025	51.11	119.83	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLC MASSIVE SULPHIDE	GL	18.776	15.696	38.574	0.83539	2.0	5448
c	30511-001A	HOMESTAKE (N=2)	082/M/04/W:SW-025	51.11	119.83	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLC MASSIVE SULPHIDE	GL	18.823	15.733	38.677	0.83576	2.0	5484
c	30511-002	HOMESTAKE	082/M/04/W:SW-025	51.11	119.83	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLC MASSIVE SULPHIDE	GL	18.887	15.693	38.681	0.83091	2.0	4801
c	30511-002R	HOMESTAKE	082/M/04/W:SW-025	51.11	119.83	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLC MASSIVE SULPHIDE	GL	18.900	15.705	38.717	0.83097	2.0	4855
c	30511-002A	HOMESTAKE (N=2)	082/M/04/W:SW-025	51.11	119.83	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLC MASSIVE SULPHIDE	GL	18.894	15.699	38.699	0.83094	2.0	4828
c	30511-100	HOMESTAKE (KAMAD)	082/M/04/W:SW-025	51.11	119.83	C GODWIN: G79HO-001, V PRETO: GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLCANOGENIC: KUROKO TYPE	GL	18.777	15.686	38.539	0.83538	2.0	5246
o	30511-103	HOMESTAKE (KAMAD)	082/M/04/W:SW-025	51.11	119.83	C GODWIN: GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLCANOGENIC: KUROKO TYPE	GL	18.749	15.627	38.382	0.83348	2.0	4715
c	30511-AVG	HOMESTAKE (N=2)	082/M/04/W:SW-025	51.11	119.83	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VOLC MASSIVE SULPHIDE	GL	18.859	15.716	38.688	0.83345	2.0	5155
c	30513-001	FORTUNA	082/M/05/W:SW-072	51.37	119.93	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VEIN	GL	19.118	15.716	39.000	0.82208	2.0	4000
c	30513-001R	FORTUNA	082/M/05/W:SW-072	51.37	119.93	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VEIN	GL	19.132	15.726	39.035	0.82168	2.0	4020
c	30513-AVG	FORTUNA (N=2)	082/M/05/W:SW-072	51.37	119.93	F GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VEIN	GL	19.125	15.721	39.018	0.82203	2.0	4014
c	30515-001	REA GOLD	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: MASSIVE SULPHIDE HORIZON	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	MASSIVE SULPHIDE	GL	18.859	15.709	38.766	0.83297	2.0	4564
c	30515-001R	REA GOLD	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: MASSIVE SULPHIDE HORIZON	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	MASSIVE SULPHIDE	GL	18.804	15.661	38.904	0.83268	2.0	4893
c	30515-001A	REA GOLD (N=2)	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: MASSIVE SULPHIDE HORIZON	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	MASSIVE SULPHIDE	GL	18.832	15.685	38.835	0.83282	2.0	4803
c	30515-002	REA GOLD	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: VEIN	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	VEIN IN MASSIVE SULPHIDE	GL	18.852	15.680	38.687	0.83175	2.0	4213
c	30515-002R	REA GOLD	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: VEIN	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	VEIN IN MASSIVE SULPHIDE	GL	18.862	15.688	38.742	0.83170	2.0	4393
c	30515-002A	REA GOLD (N=2)	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: VEIN	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	VEIN	GL	18.857	15.684	38.715	0.83173	2.0	4303
c	30515-003	REA GOLD	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: BARITE HORIZON	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	MASSIVE SULPHIDE	GL	18.893	15.726	38.823	0.83240	2.0	4491

c 30515-003R1	REA GOLD	082/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986: BARITE HORIZON	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	MASSIVE SULPHIDE	GL	18.776	15.702	38.708	0.83628	2.061	50			
c 30515-AVG	REA GOLD (N=3)	028/M/04/W:SW-191	51.13	119.81	F GOUTIER 1986	EAGLE BAY FM: INTERMEDIATE VOLCANICS	DEVONIAN?	MASSIVE SULPHIDE	GL	18.861	15.698	38.791	0.83235	2.056	3			
o 30516-101	REXSPAR	082/M/12/W:NW-021	51.57	119.90	PRETO: G79SA-001: GOUTIER 1986	EAGLE BAY VOLCANICS	DEVONIAN	VOLCANOGENIC	GL	19.176	15.910	38.993	0.82968	2.033	43			
c 30517-001	ART	082/M/04/W:SW-124	51.10	119.95	F GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN AND/OR OLDER	UNCLASSIFIED	GL	19.079	15.750	39.185	0.82555	2.053	37			
c 30517-001R	ART	082/M/04/W:SW-124	51.10	119.95	F GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN AND/OR OLDER	UNCLASSIFIED	GL	19.040	15.724	39.109	0.82585	2.054	23			
c 30517-001A	ART (N=2)	082/M/04/W:SW-124	51.10	119.95	F GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN AND/OR OLDER	UNCLASSIFIED	GL	19.060	15.737	39.147	0.82570	2.053	35			
c 30518-001	LUCKY COON	082/M/04/E:SW-012	51.07	119.60	F GOUTIER 1986	EAGLE BAY FM: META-VOLCANIC PHYLLITE	CAMBRIAN	STRATIFORM	GL	19.123	15.688	38.847	0.82037	2.031	5			
c 30518-001R	LUCKY COON	082/M/04/E:SW-012	51.07	119.60	F GOUTIER 1986	EAGLE BAY FM: META-VOLCANIC PHYLLITE	CAMBRIAN	STRATIFORM	GL	19.140	15.699	38.896	0.82018	2.032	2			
c 30518-001A	LUCKY COON (N=2)	082/M/04/E:SW-012	51.07	119.60	F GOUTIER 1986	EAGLE BAY FM: META-VOLCANIC PHYLLITE	CAMBRIAN	STRATIFORM	GL	19.132	15.694	38.872	0.82027	2.031	2			
c 30518-002	LUCKY COON (PIT 1)	082/M/04/E:SW-012	51.07	119.60	F GOUTIER 1986	EAGLE BAY FM: META-VOLCANIC PHYLLITE	CAMBRIAN	STRATIFORM	GL	19.163	15.696	38.958	0.81911	2.033	3			
c 30518-AVG	LUCKY COON (N=2)	082/M/04/E:SW-012	51.07	119.60	F GOUTIER 1986	EAGLE BAY FM: META-VOLCANIC PHYLLITE	CAMBRIAN	STRATIFORM	GL	19.148	15.695	38.915	0.81968	2.032	4			
c 30519-001	TWIN MOUNTAIN	082/M/04/W:SW-020	51.13	119.80	A DAVIDSON, I PIRIE: FALCONBRIDGE: GOUTIER 1986	EAGLE BAY FM: CHLORITIC SCHIST	CAMBRIAN	VEIN	GL	19.013	15.704	38.837	0.82600	2.042	3			
c 30519-001R	TWIN MOUNTAIN	082/M/04/W:SW-020	51.13	119.80	A DAVIDSON, I PIRIE: FALCONBRIDGE: GOUTIER 1986	EAGLE BAY FM: CHLORITIC SCHIST	CAMBRIAN	VEIN	GL	19.012	15.691	38.813	0.82531	2.041	7			
c 30519-001A	TWIN MOUNTAIN (N=2)	082/M/04/W:SW-020	51.13	119.80	F GOUTIER 1986	EAGLE BAY FM: CHLORITIC SCHIST	CAMBRIAN	VEIN	GL	19.027	15.704	38.832	0.82533	2.039	6			
o 30519-002	TWIN MOUNTAIN	082/M/04/W:SW-020	51.13	119.80	GODWIN: G79TM-001, V PRETO: GOUTIER 1986	EAGLE BAY FM: CHLORITE SCHIST	CAMBRIAN	VEIN: MASSIVE SULPHIDE	GL	19.056	15.715	38.853	0.82468	2.038	8			
c 30521-002	JUNE KAJUN	082/M/05/W:SW-058	51.26	119.80	F GOUTIER 1986	EAGLE BAY FM: LIMESTONE, GRAPHITIC PHYLLITE	CAMBRIAN	VEIN	GL	19.472	15.724	39.525	0.80751	2.029	8			
c 30521-002R	JUNE KAJUN	082/M/05/W:SW-058	51.26	119.80	F GOUTIER 1986	EAGLE BAY FM: LIMESTONE, GRAPHITIC PHYLLITE	CAMBRIAN	VEIN	GL	19.469	15.725	39.513	0.80770	2.029	6			
c 30521-002R1	JUNE KAJUN	082/M/05/W:SW-058	51.26	119.80	F GOUTIER 1986	EAGLE BAY FM: LIMESTONE, GRAPHITIC PHYLLITE	CAMBRIAN	VEIN	GL	19.442	15.707	39.473	0.80787	2.030	32			
c 30521-002A	JUNE KAJUN (N=2)	082/M/05/W:SW-058	51.26	119.80	F GOUTIER 1986	EAGLE BAY FM: LIMESTONE, GRAPHITIC PHYLLITE	CAMBRIAN	VEIN	GL	19.470	15.725	39.529	0.80760	2.025	39			
o 30521-101	JUNE KAJUN	082/M/05/W:SW-058	51.26	119.80	PRETO: G79JU-001: GOUTIER 1986	EAGLE BAY FM: LIMESTONE, GRAPHITIC PHYLLITE	CAMBRIAN	STRATIFORM OR VEIN	GL	19.440	15.675	39.403	0.80633	2.026	90			
c 30522-001!	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	F GOUTIER 1986	EAGLE BAY FM: PHYLLITE, GREENSTONE	CAMBRIAN	MASSIVE SULPHIDE	GL	18.403	15.578	38.412	0.84647	2.087	25			

c	30522-001	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITE, GREENSTONE	CAMBRIAN	MASSIVE SULPHIDE	GL	18.294	15.552	38.309	0.85012	2.03	414
c	30522-001R	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITE, GREENSTONE	CAMBRIAN	MASSIVE SULPHIDE	GL	18.245	15.516	38.243	0.85038	2.03	403
c	30522-001R	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITE, GREENSTONE	CAMBRIAN	MASSIVE SULPHIDE	GL	18.282	15.554	38.337	0.85078	2.03	392
a	30522-001A	BC (ZN 1) (N=2)	082/M/04/E:SW-138	51.01	119.52	F	GOUTIER 1986	EAGLE BAY FM: PHYLLITE, GREENSTONE	CAMBRIAN	MASSIVE SULPHIDE	GL	18.288	15.553	38.331	0.85045	2.03	953
o	30523-101	KING TUT	082/M/04/E:SW-013	51.07	119.60	C	GODWIN, V PRETO: G79LU-001: GOUTIER 1986	EAGLE BAY FM:	DEVONIAN?	STRATIFORM	GL	19.094	15.687	38.841	0.82157	2.03	420
o	30524-101	ELSIE	082/M/04/E:SW-213	51.07	119.60	V	PRETO: G79LU-002: GOUTIER 1986	EAGLE BAY FM:	DEVONIAN?	STRATIFORM	GL	19.141	15.699	38.982	0.82018	2.03	457
c	30525-001	MOSQUITO KING	082/M/04/E:SW-016	51.06	119.52	F	GOUTIER 1986	EAGLE BAY FM: ARGILLITE & QUARTZ SERICITE SCHIST	CAMBRIAN	STRATIFORM & DISSEMINATED	GL	19.075	15.692	38.835	0.82269	2.03	398
c	30525-002	MOSQUITO KING (VEIN)	082/M/04/E:SW-016	51.06	119.52	F	GOUTIER 1986	EAGLE BAY FM: ARGILLITE & QUARTZ SERICITE SCHIST	CAMBRIAN	VEIN	GL	19.071	15.692	38.827	0.82283	2.03	389
c	30525-002R	MOSQUITO KING (VEIN)	082/M/04/E:SW-016	51.06	119.52	F	GOUTIER 1986	EAGLE BAY FM: ARGILLITE & QUARTZ SERICITE SCHIST	CAMBRIAN	VEIN	GL	19.124	15.694	38.877	0.82065	2.03	390
c	30525-002A	MOSQUITO KING (N=2) (VEIN)	082/M/04/E:SW-016	51.06	119.52	F	GOUTIER 1986	EAGLE BAY FM: ARGILLITE & QUARTZ SERICITE SCHIST	CAMBRIAN	VEIN	GL	19.098	15.693	38.852	0.82174	2.03	439
a	30525-AVG	MOSQUITO KING (N=2)	082/M/04/E:SW-016	51.06	119.52	F	GOUTIER 1986	EAGLE BAY FM: ARGILLITE & QUARTZ SERICITE SCHIST	CAMBRIAN	STRATIFORM	GL	19.087	15.693	38.844	0.82221	2.03	419
o	30526-101	PET	082/M/04/E:SW-143	51.05	119.53	PRETO, C GODWIN G79PE-001: GOUTIER 1986		EAGLE BAY FM:	DEVONIAN?	VEIN	GL	19.125	15.731	38.986	0.82254	2.03	448
c	30527-001	SPAR (EX1)	082/M/04/E:SW-017	51.06	119.54	F	GOUTIER 1986	EAGLE BAY FM: CHLORITIC META-VOLCANIC SCHIST	CAMBRIAN	STRATIFORM	GL	19.133	15.692	38.902	0.82016	2.03	426
c	30527-001R	SPAR (EX1)	082/M/04/E:SW-017	51.06	119.54	F	GOUTIER 1986	EAGLE BAY FM: CHLORITIC META-VOLCANIC SCHIST	CAMBRIAN	STRATIFORM	GL	19.126	15.687	38.859	0.82017	2.03	73
c	30527-001A	SPAR (EX1, N=2)	082/M/04/E:SW-017	51.06	119.54	F	GOUTIER 1986	EAGLE BAY FM: CHLORITIC META-VOLCANIC SCHIST	CAMBRIAN	STRATIFORM	GL	19.130	15.690	38.881	0.82016	2.03	150
c	30527-002	SPAR (FLUORINE SHOWING)	082/M/04/E:SW-017	51.07	119.54	F	GOUTIER 1986	EAGLE BAY FM: CHLORITIC META-VOLCANIC SCHIST	CAMBRIAN	UNCLASSIFIED	GL	19.150	15.671	38.864	0.81835	2.02	445
c	30527-AVG	SPAR (N=2)	082/M/04/E:SW-017	51.06	119.54	F	GOUTIER 1986	EAGLE BAY FM: CHLORITIC META-VOLCANIC SCHIST	CAMBRIAN	STRATIFORM	GL	19.140	15.681	38.873	0.81926	2.03	97
c	30528-001	WHITE ROCK	082/M/05/W:SW-066	51.30	119.91	G	SHEVCHENKO: NORANDA: GOUTIER 1986	EAGLE BAY FM: TSHINAKIN LIMESTONE	CAMBRIAN	VEIN	GL	19.151	15.722	39.048	0.82085	2.03	90
c	30528-001R1	WHITE ROCK	082/M/05/W:SW-066	51.30	119.91	G	SHEVCHENKO: NORANDA: GOUTIER 1986	EAGLE BAY FM: TSHINAKIN LIMESTONE	CAMBRIAN	VEIN	GL	19.227	15.801	39.198	0.82180	2.03	89
c	30531-001	RED TOP	082/M/12/W:NW-044	51.64	119.86	F	GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM & DISSEMINATED	GL	19.142	15.719	38.938	0.82115	2.03	14
c	30531-002	RED TOP (TRENCH)	082/M/12/W:NW-044	51.64	119.86	F	GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM & DISSEMINATED	GL	19.159	15.737	38.974	0.82137	2.03	18
c	30531-002R	RED TOP (TRENCH)	082/M/12/W:NW-044	51.64	119.86	F	GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM & DISSEMINATED	GL	19.136	15.710	38.905	0.82096	2.03	02
c	30531-002A	RED TOP (N=2) (TRENCH)	082/M/12/W:NW-044	51.64	119.86	F	GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFIRM & DISSEMINATED	GL	19.148	15.724	38.940	0.82117	2.03	60

c 30531-AVG	RED TOP (N=2)	082/M/12/W:NW-044	51.64	119.74	F	GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM & DISSEMINATED	GL	19.145	15.721	38.939	0.82116	2.03387
c 30532-001	FLUKE (CROWFOOT MTN)	082/M/03/E:SW-104	51.06	119.25	F	GOUTIER 1986	EAGLE BAY FM: LIMESTONE, PHYLLITE, GREENSTONE	CAMBRIAN	REPLACEMENT	GL	19.219	15.702	39.366	0.81701	2.04833
c 30532-001R	FLUKE (CROWFOOT MTN)	082/M/03/E:SW-104	51.06	119.25	F	GOUTIER 1986	EAGLE BAY FM: LIMESTONE, PHYLLITE, GREENSTONE	CAMBRIAN	REPLACEMENT	GL	19.227	15.704	39.356	0.81677	2.04687
c 30532-001A	FLUKE (CROWFOOT MTN, N=2)	082/M/03/E:SW-104	51.06	119.25	F	GOUTIER 1986	EAGLE BAY FM: LIMESTONE, PHYLLITE, GREENSTONE	CAMBRIAN	REPLACEMENT	GL	19.223	15.703	39.361	0.81689	2.04760
c 30533-001	RED FIR (ORELL 1D)	082/M/03/W:SW-154	51.08	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.362	15.715	39.401	0.81160	2.03492
c 30533-001R	RED FIR (ORELL 1D)	082/M/03/W:SW-154	51.08	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.327	15.682	39.318	0.81139	2.03431
c 30533-001A	RED FIR (ORELL 1D) (N=2)	082/M/03/W:SW-154	51.08	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.345	15.699	39.360	0.81150	2.03462
c 30533-002	RED FIR (ORELL 1E)	082/M/03/W:SW-154	51.08	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.355	15.705	39.377	0.81144	2.03452
c 30533-AVG	RED FIR (ORELL 1D&E) (N=2)	082/M/04/E:SW-154	51.08	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.350	15.702	39.368	0.81144	2.03457
c 30534-001	RED FIR (ORELL 2G)	082/M/03/W:SW-154	51.10	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.121	15.705	39.044	0.82136	2.04198
c 30534-001R	RED FIR (ORELL 2G)	082/M/03/W:SW-154	51.10	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.140	15.722	39.093	0.82140	2.04247
c 30534-001A	RED FIR (ORELL 2G) (N=2)	082/M/03/W:SW-154	51.10	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST & LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.131	15.714	39.069	0.82137	2.04222
c 30535-001	RED FIR (ORELL 3K)	082/M/03/W:SW-154	51.07	119.38	F	GOUTIER 1986	EAGLE BAY FM: GREENSCHIST, LIMESTONE, MN RICH	CAMBRIAN	VEIN & DISSEMINATED	GL	19.354	15.706	39.383	0.81150	2.03492
c 30536-001	SILVER KING (ORELL 4N)	082/M/04/E:SW-129	51.08	119.53	F	GOUTIER 1986	EAGLE BAY FM: ALTERED LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.081	15.708	38.899	0.82324	2.03867
c 30537-001	ORELL 5P	082/M/04/E:SW-	51.05	119.54	F	GOUTIER 1986	EAGLE BAY FM: ALTERED LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.128	15.689	38.879	0.82019	2.03260
c 30537-001R	ORELL 5P	082/M/04/E:SW-	51.05	119.54	F	GOUTIER 1986	EAGLE BAY FM: ALTERED LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.128	15.694	38.891	0.82047	2.03321
c 30537-001A	ORELL 5P (N=2)	082/M/04/E:SW-	51.05	119.54	F	GOUTIER 1986	EAGLE BAY FM: ALTERED LIMESTONE	CAMBRIAN	VEIN & DISSEMINATED	GL	19.128	15.692	38.885	0.82033	2.03290
c 30538-001	FORD	082/L/13/E:NW-	50.98	119.65	C	ROBINSON: 84FAT-7:A: GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN	STRATIFORM	GL	18.875	15.691	38.659	0.83135	2.04817
c 30538-001R	FORD	082/L/13/E:NW-	50.98	119.65	C	ROBINSON: 84FAT-7:A: GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN	STRATIFORM	GL	18.880	15.695	38.651	0.83131	2.04722
c 30538-002	FORD	082/L/13/E:NW-	50.98	119.65	C	ROBINSON: 84FAT-7:B: GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN	STRATIFORM	GL	18.893	15.704	38.699	0.83120	2.04834
c 30538-002R	FORD	082/L/13/E:NW-	50.98	119.65	C	ROBINSON: 84FAT-7:B: GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN	STRATIFORM	GL	18.884	15.702	38.686	0.83148	2.04915

c 30538-AVG	FORD (N=4)	082/L/13/E:NW-	50.98	119.65	C	ROBINSON: BAFAT-7: GOUTIER 1986	EAGLE BAY FM: SERICITE QUARTZ PHYLLITE	DEVONIAN	STRATIFORM	GL	18.883	15.698	38.676	0.83133	2.04822
c 30539-001	MT McCLENNAN (X-CUTTING VEIN)	082/M/12/W:NW-044	51.63	119.82	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: META SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	VEIN	GL	19.249	15.680	38.932	0.81462	2.02255
c 30539-002	MT McCLENNAN	082/M/12/W:NW-044	51.63	119.82	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: META SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM	GL	19.288	15.715	39.001	0.81476	2.02210
c 30539-AVG	MT McCLENNAN (N=2)	082/M/12/W:NW-044	51.63	119.82	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: META SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM	GL	19.269	15.698	38.967	0.81468	2.02232
c 30541-001	SUNRISE	082/M/12/W:NW-046	51.63	119.80	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM	GL	19.086	15.681	38.806	0.82159	2.03328
c 30541-002	SUNRISE	082/M/12/W:NW-046	51.63	119.80	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM	GL	19.123	15.711	38.892	0.82158	2.03383
c 30541-AVG	SUNRISE (N=2)	082/M/12/W:NW-046	51.63	119.80	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: META-SEDIMENTS	EARLY CAMBRIAN &/OR OLDER	STRATIFORM	GL	19.105	15.696	38.849	0.82159	2.03351
c 30542-001	VAVENBY	082/M/12/W:NW-032	51.58	119.77	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: LIMESTONE NEAR SYENITE	CAMBRIAN	VEIN (CUTTING LMST)	GL	19.127	15.703	38.889	0.82099	2.03327
c 30542-001R	VAVENBY	082/M/12/W:NW-032	51.58	119.77	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: LIMESTONE NEAR SYENITE	CAMBRIAN	VEIN (CUTTING LMST)	GL	19.055	15.703	38.802	0.82410	2.03635
c 30542-001A	VAVENBY (N=2)	082/M/12/W:NW-032	51.58	119.77	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: LIMESTONE NEAR SYENITE	CAMBRIAN	VEIN (CUTTING LMST)	GL	19.091	15.703	38.846	0.82254	2.03479
c 30543-001	TINDALL (ADIT DUMP)	082/M/12/W:NW-032	51.60	119.78	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: QUARTZ SERICITE SCHIST	DEVONIAN AND/OR OLDER	VEIN	GL	19.281	15.714	39.080	0.81498	2.02689
c 30544-001	SONJA	092/P/09/E:NE-049	51.59	120.01	G	McLAREN: GOUTIER 1986	EAGLE BAY FM: GRAPHITIC PHYLLITE	DEVONIAN	STRATIFORM OR VEIN	GL	19.356	15.691	39.251	0.81068	2.02786
c 30545-001	SILVER KING-SILVER QUEEN	082/L/14/W:NW-044	50.95	119.48	F	GOUTIER 1986	EAGLE BAY FM: CHLORITE SCHIST, CALCAREOUS PHYLLITE	DEVONIAN	VEIN	GL	19.098	15.681	38.977	0.82110	2.04084
c 30545-001R	SILVER KING-SILVER QUEEN	082/L/14/W:NW-044	50.95	119.48	F	GOUTIER 1986	EAGLE BAY FM: CHLORITE SCHIST, CALCAREOUS PHYLLITE	DEVONIAN	VEIN	GL	19.110	15.686	38.979	0.82084	2.03973
c 30545-001A	SILVER KING-SILVER QUEEN (N=2)	082/L/14/W:NW-044	50.95	119.48	F	GOUTIER 1986	EAGLE BAY FM: CHLORITE SCHIST, CALCAREOUS PHYLLITE	DEVONIAN	VEIN	GL	19.104	15.684	38.978	0.82097	2.04033
c 30546-001	LEEMAC	082/M/05/E:SW-056	51.35	119.70	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	BALDY BATHOLITH: GRANODIORITE	CRETACEOUS	VEIN	GL	19.406	15.741	39.375	0.81112	2.02902
c 30546-001R	LEEMAC	082/M/05/E:SW-056	51.35	119.70	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	BALDY BATHOLITH: GRANODIORITE	CRETACEOUS	VEIN	GL	19.375	15.717	39.297	0.81122	2.02825
c 30546-001A	LEEMAC (N=2)	082/M/05/E:SW-056	51.35	119.70	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	BALDY BATHOLITH: GRANODIORITE	CRETACEOUS	VEIN	GL	19.391	15.729	39.336	0.81117	2.02863
c 30547-001	ROUGE	082/M/12/E:NW-093	51.72	119.52	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VEIN	GL	19.267	15.750	39.172	0.81747	2.03316
c 30547-001R	ROUGE	082/M/12/E:NW-093	51.72	119.52	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VEIN	GL	19.253	15.738	39.139	0.81745	2.03289
c 30547-001A	ROUGE (N=2)	082/M/12/E:NW-093	51.72	119.52	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	EAGLE BAY FM: FELSIC SCHIST	DEVONIAN	VEIN	GL	19.260	15.744	39.156	0.81746	2.03302
c 30548-001	PS-85-175	082/M/12/W:NW-	51.58	119.75	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	EAGLE BAY FM: TSHINAKIN LIMESTONE	CAMBRIAN	VEIN	GL	19.180	15.725	38.696	0.81983	2.03172
c 30548-001R	PS-85-175	082/M/12/W:NW-	51.58	119.75	P	SCHIARIZZA, CHEVRON: GOUTIER 1986	EAGLE BAY FM: TSHINAKIN LIMESTONE	CAMBRIAN	VEIN	GL	19.174	15.717	38.955	0.81969	2.03165

c 30548-001A	PS-85-175 (N=2)	082/M/12/W:NW-	51.58	119.75	P SCHIARIZZA, CHEVRON: GOUTIER 1986	EAGLE BAY FM: TSHINAKIN LIMESTONE	CAMBRIAN	VEIN	GL	19.177	15.721	38.962	0.81976	2.03168
c 30600-001	JON	082/E/15/E:NE-017	49.87	118.58	C NAGATI	ANARCHIST GP: GREENSTONE, GREYWACKE, LIMESTONE	PERMIAN?	VEIN OR BEDDED	GL	18.702	15.621	39.006	0.83523	2.08569
c 30600-001R	JON	082/E/15/E:NE-017	49.87	118.58	C NAGATI	ANARCHIST GP: GREENSTONE, GREYWACKE, LIMESTONE	PERMIAN?	VEIN OR BEDDED	GL	18.691	15.610	38.937	0.83514	2.08318
c 30600-001A	JON (N=2)	082/E/15/E:NE-017	49.87	118.58	C NAGATI	ANARCHIST GP: GREENSTONE, GREYWACKE, LIMESTONE	PERMIAN?	VEIN OR BEDDED	GL	18.697	15.616	38.972	0.83518	2.08444
c 30607-001	CARIBOO HUDSON	093/A/14/W:NW-071	52.88	121.37	W MCMILLAN: BCMEMPR: GOUTIER 1986	UPPER SNOWSHOE GP: LIMESTONE & CHLORITE SCHIST	CAMBRIAN	VEIN	GL	19.220	15.752	39.256	0.81957	2.04251
o 30607-001	CARIBOO HUDSON	093/A/14/W:NW-071	52.88	121.37	C GODWIN: G79CH-001: ANDREW 1982	UPPER SNOWSHOE GP: LIMESTONE, CHLORITE SCHIST	CAMBRIAN	VEIN	GL	19.201	15.752	39.258	0.82037	2.04458
c 30607-001R1	CARIBOO HUDSON	093/A/14/W:NW-071	52.88	121.37	W MCMILLAN: BCMEMPR: GOUTIER 1986	UPPER SNOWSHOE GP: LIMESTONE & CHLORITE SCHIST	CAMBRIAN	VEIN	GL	19.211	15.755	39.096	0.82012	2.03514
c 30607-001A	CARIBOO HUDSON (N=2)	093/A/14/W:NW-071	52.88	121.37	W MCMILLAN: BCMEMPR: GOUTIER 1986	UPPER SNOWSHOE GP: LIMESTONE & CHLORITE SCHIST	CAMBRIAN	VEIN	GL	19.216	15.754	39.176	0.81985	2.03882
o 30607-002	CARIBOO HUDSON	093/A/14/W:NW-071	52.88	121.37	C GODWIN: G79CH-001	UPPER SNOWSHOE GP: LIMESTONE, CHLORITE SCHIST	CAMBRIAN	VEIN	GL	19.216	15.758	39.260	0.82005	2.04309
o 30623-501	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	KANASEWICH 1962: 4359237: 2251 STOPE, 414 RAISE	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.621	15.635	38.481	0.88730	2.18380
o 30623-502!	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	KANASEWICH 1962, REYNOLDS & SINCLAIR 1971: 4359226	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.590	15.622	38.419	0.88810	2.18410
o 30623-503!	BLUEBELL (COMFORT ZONE)	082/F/15/W:NE-043	49.76	116.86	KANASEWICH 1962, REYNOLDS & SINCLAIR 1971: 4359228	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.569	15.611	38.387	0.88860	2.18500
o 30623-504!	BLUEBELL (COMFORT ZONE)	082/F/15/W:NE-043	49.76	116.86	KANASEWICH 1962, REYNOLDS & SINCLAIR 1971: 4359229	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.522	15.605	38.260	0.89060	2.18350
o 30623-505!	BLUEBELL (COMFORT ZONE)	082/F/15/W:NE-043	49.76	116.86	KANASEWICH 1962, REYNOLDS & SINCLAIR 1971: 4359230	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.547	15.592	38.309	0.89860	2.18320
o 30623-506//	BLUEBELL	082/F/15/W:NE-043	49.76	116.86	P LECOUTEUR 1973: BL226*	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.481	15.488	37.961	0.89599	2.17156
o 30623-507	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	A SINCLAIR 1984: 4359237	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.743	15.728	38.608	0.89643	2.17596
o 30623-508	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 870	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.072	15.105	37.051	0.89478	2.17028
o 30623-509	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 872	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.072	15.133	37.023	0.89642	2.16864
o 30623-510	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 860	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.409	15.397	37.774	0.89443	2.16980
o 30623-511	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 513	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.671	15.660	38.309	0.89620	2.16790
o 30623-512	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 871	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.670	15.498	37.980	0.87708	2.14941
o 30623-513	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 869	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.368	15.429	37.732	0.89836	2.17250
o 30623-514	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 861	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.706	15.805	38.325	0.89263	2.16452
o 30623-515	BLUEBELL (KOOTENAY CHIEF)	082/F/15/W:NE-043	49.76	116.86	RUSSELL & FARQUHAR 1960: 861	BADSHOT CARBONATE	EARLY CAMBRIAN	STRATABOUND CARBONATE	GL	17.635	15.679	38.315	0.89908	2.17267
o 30625-501	ARLINGTON	082/F/14/W:NW-152	49.79	117.36	P LECOUTEUR 1973: A1871	NELSON GRANITE	JURASSIC: 164 Ma	VEIN	GL	18.851	15.647	39.046	0.83004	2.07130

o 30634-501	HIGHLAND	082/F/10/W:NE-015	49.75	116.93	P	LECOUTEUR 1973: HW911	MILFORD GP	CARBONIFEROUS	STRATABOUND CARBONATE	GL	17.534	15.498	38.253	0.88388	2.18165
o 30635-501	SILVER HOARD	082/F/10/W:NE-024	49.75	116.95	P	LECOUTEUR 1973: ZH908*	MILFORD GP	CARBONIFEROUS	STRATABOUND CARBONATE	GL	17.793	15.522	38.298	0.87237	2.15242
o 30636-501	NO 1	082/F/10/W:NE-025	49.74	116.95	P	LECOUTEUR 1973: NU910	MILFORD GP	CARBONIFEROUS	STRATABOUND CARBONATE	GL	17.768	15.530	38.344	0.87404	2.15804
o 30639-501#	HB MINE	082/F/03/E:SW-004	49.16	117.20	P	LECOUTEUR 1973: HB286	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.089	15.727	39.486	0.82388	2.06852
o 30639-502!	HB MINE	082/F/03/E:SW-004	49.16	117.20	A	SINCLAIR 1964: HB481286	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.289	15.947	40.081	0.82674	2.07792
o 30639-502!$	HB MINE	082/F/03/E:SW-004	49.16	117.20	A	SINCLAIR: HB481286: REYNOLDS & SINCLAIR, 1971	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.115	15.759	39.400	0.82443	2.06121
o 30639-503!	HB MINE	082/F/03/E:SW-004	49.16	117.20	J	BROWN 1962: HB481700	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.300	15.910	39.700	0.82435	2.05700
o 30639-504	HB MINE	082/F/03/E:SW-004	49.16	117.20	RUSSELL & FARQUHAR 1960: 700		REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.677	15.397	38.485	0.78249	1.95584
o 30640-501!	JACKPOT	082/F/03/E:SW-012	49.24	117.15	A	SINCLAIR 1964: 197284	REEVES LIMESTONE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.140	15.891	39.728	0.83025	2.07565
o 30640-501!$	JACKPOT	082/F/03/E:SW-012	49.24	117.15	A	SINCLAIR 1964: 197284: REYNOLDS & SINCLAIR 1971	REEVES LIMESTONE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.000	15.731	39.170	0.82795	2.06158
o 30640-502#	JACKPOT	082/F/03/E:SW-012	49.24	117.15	P	LECOUTEUR 1973: JA284	REEVES LIMESTONE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	18.992	15.744	39.304	0.82898	2.06950
o 30641-501!	JERSEY (NORTH A ZONE)	082/F/03/E:SW-009	49.10	117.22	A	SINCLAIR 1964: 1194283	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.310	15.937	40.106	0.82532	2.07695
o 30641-502!	JERSEY (CENTRAL A ZONE)	082/F/03/E:SW-009	49.10	117.22	A	SINCLAIR 1964: 1194287	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.271	15.933	40.012	0.82679	2.07628
o 30641-503!	JERSEY (F ZONE)	082/F/03/E:SW-009	49.10	117.22	A	SINCLAIR 1964: 1194288	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.281	15.938	40.006	0.82662	2.07489
o 30641-503!$	JERSEY (F ZONE)	082/F/03/E:SW-009	49.10	117.22	A	SINCLAIR 1964: 1194288: REYNOLDS & SINCLAIR 1971	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.123	15.765	39.370	0.82440	2.05878
o 30641-504!	JERSEY (SOUTH A ZONE)	082/F/03/E:SW-009	49.10	117.22	A	SINCLAIR 1964: 1194300	REEVES CARBONATE	EARLY CAMBRIAN	CARBONATE HOSTED	GL	19.273	15.923	40.027	0.82618	2.07684
o 30641-504!$	JERSEY (SOUTH A ZONE)	082/F/03/E:SW-009	49.10	117.22	A	SINCLAIR 1964: 1194300: REYNOLDS & SINCLAIR 1973	REEVES CARBONATE	CAMBRIAN	CARBONATE HOSTED	GL	19.131	15.762	39.420	0.82390	2.06053
o 30641-505#	JERSEY	082/F/03/E:SW-009	49.10	117.22	P	LECOUTEUR 1964: JE300*	REEVES CARBONATE	CAMBRIAN	CARBONATE HOSTED	GL	19.093	15.736	39.437	0.82418	2.06552
o 30645-501	SILVER CUP	082/K/11/W:NW-027	50.62	117.36	P	LECOUTEUR 1973	TRIUNE FM	ORDOVICIAN?	VEIN	GL	19.322	15.710	39.269	0.81306	2.03235
o 30646-501	LUCKY JIM	082/K/03/E:SW-023	50.03	117.20	P	LECOUTEUR 1973: LJ912*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.778	15.633	39.032	0.83252	2.07860
o 30649-501	WHITEWATER	082/K/03/E:SW-033	50.04	117.13	P	LECOUTEUR 1973: WH894*	SLOCAN GP	TRIASSIC -JURASSIC	VEIN	GL	18.800	15.656	38.844	0.83277	2.06617
o 30651-501!	WIGWAM	082/K/13/W:NW-068	50.68	117.96	A	SINCLAIR 1964	BADSHOT FM: MARBLE	EARLY CAMBRIAN	REPLACEMENT, STRATABOUND	GL	18.403	15.826	38.749	0.85997	2.10558
o 30651-502	WIGWAM	082/K/13/W:NW-068	50.68	117.96	P	LECOUTEUR 1973: WW854	BADSHOT FM: MARBLE	EARLY CAMBRIAN	REPLACEMENT, STRATABOUND	GL	18.239	15.630	38.240	0.85696	2.09661
o 30651-503	WIGWAM	082/K/13/W:NW-068	50.68	117.96	P	LECOUTEUR 1973: WW855	BADSHOT FM: MARBLE	EARLY CAMBRIAN	REPLACEMENT, STRATABOUND	GL	18.242	15.630	38.211	0.85681	2.09467
o 30652-501!	MOLLIE MAC (MOLLY MAC)	082/K/11/W:NW-036	50.69	117.31	A	SINCLAIR 1964: 236318: REYNOLDS & SINCLAIR 1973	INDEX FM: LIMESTONE	CAMBRIAN -ORDOVICIAN	REPLACEMENT, STRATABOUND	GL	18.365	15.681	38.260	0.85385	2.08331
o 30652-501!$	MOLLIE MAC (MOLLY MAC)	082/K/11/W:NW-036	50.69	117.31	A	SINCLAIR 1964: 236318	INDEX FM: LIMESTONE	CAMBRIAN -ORDOVICIAN	REPLACEMENT, STRATABOUND	GL	18.497	15.839	38.844	0.85630	2.10002
o 30652-502	MOLLIE MAC (MOLLY MAC)	082/K/11/W:NW-036	50.69	117.31	P	LECOUTEUR 1973: MM318	INDEX FM: LIMESTONE	CAMBRIAN -ORDOVICIAN	REPLACEMENT, STRATABOUND	GL	18.280	15.667	38.275	0.85706	2.09382
o 30653-501!	DUNCAN	082/K/07/W:SE-019	50.37	116.95	A	SINCLAIR 1964: 1792282	BADSHOT FM: LIMESTONE	EARLY CAMBRIAN	STRATABOUND	GL	19.563	15.949	40.425	0.81526	2.06640
o 30653-501!$	DUNCAN	082/K/07/W:SE-019	50.37	116.95	A	SINCLAIR 1964: 1792282: REYNOLDS & SINCLAIR 1973	BADSHOT FM: LIMESTONE	EARLY CAMBRIAN	STRATABOUND	GL	19.418	15.788	39.800	0.81306	2.04964
o 30653-502	DUNCAN	082/K/07/W:SE-019	50.37	116.95	P	LECOUTEUR 1973: DU307	BADSHOT FM: LIMESTONE	EARLY CAMBRIAN	STRATABOUND	GL	19.417	15.786	39.915	0.81300	2.05567

o 30654-501!	MOONSHINE	082/K/02/W:SE-011	50.14	116.96	A SINCLAIR 1964: 1782317	BADSHOT FM: LIMESTONE	EARLY CAMBRIAN	VEIN	GL	19.384	15.888	40.062	0.81964	2.06676
o 30654-502	MOONSHINE	082/K/02/W:SE-011	50.14	116.96	P LECOUTEUR 1973: MN317	BADSHOT FM: LIMESTONE	EARLY CAMBRIAN	VEIN	GL	19.225	15.695	39.482	0.81639	2.05368
o 30655-501!	SAL A	082/K/02/W:SE-017	50.14	116.83	A SINCLAIR 1964: 1787291	BADSHOT FM: LIMESTONE DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	19.537	15.942	40.307	0.81599	2.06311
o 30655-501!$	SAL A	082/K/02/W:SE-017	50.14	116.83	A SINCLAIR 1964: 1787291: REYNOLDS & SINCLAIR 1973	BADSHOT FM: LIMESTONE DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	19.392	15.781	39.700	0.81379	2.04724
o 30655-502	SAL A	082/K/02/W:SE-017	50.14	116.83	P LECOUTEUR 1973: SO291	BADSHOT FM: LIMESTONE DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	19.347	15.767	39.718	0.81496	2.05293
o 30657-501	MOLLY HUGHES	082/K/03/W:SW-002	50.01	117.38	P LECOUTEUR 1973: MP881	NELSON GRANITE: GRANODIORITE	JURASSIC	VEIN	GL	18.923	15.664	38.747	0.82778	2.04761
o 30658-501	PARADISE (PARADICE)	082/K/08/W:SE-029	50.47	116.31	P LECOUTEUR 1973: PO841	MT NELSON FM: LIMESTONE NEAR QUARTZITE	HELIKIAN: JURASSIC REL	STRATABOUND, REPLACEMENT	GL	19.287	15.708	39.892	0.81444	2.06834
o 30659-501	MINERAL KING	082/K/08/W:SE-001	50.33	116.41	P LECOUTEUR 1973: MX840	MT NELSON FM: DOLOMITE	HELIKIAN: JURASSIC REL	STRATABOUND	GL	18.503	15.640	38.466	0.84527	2.07891
o 30686-001	AURUM (ISLAND MOUNTAIN)	093/H/04/E:SW-006	53.10	121.56	C GODWIN: G79AU-001: ANDREW 1982	SNOWSHOE GP: SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.237	15.759	39.280	0.81920	2.04190
o 30686-001R	AURUM (ISLAND MOUNTAIN)	093/H/04/E:SW-006	53.10	121.56	C GODWIN: G79AU-001	SNOWSHOE GP: SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.216	15.748	39.194	0.81952	2.03965
o 30688-001	CUNNINGHAM CREEK (A ZONE)	093/A/14/W:NW-131	52.83	121.38	C GODWIN: G79CC-001: ANDREW 1982	SNOWSHOE GP: SEDIMENTS	EARLY PALEOZOIC	VEIN	GL	19.209	15.759	39.233	0.82040	2.04243
o 30690-001	MAEFORD LAKE	093/A/15/W:NE-087	52.83	120.97	C GODWIN: G79ML-167, D KLEPACKI	CARBONATE, BRECCIATED DOLOMITE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.344	15.646	37.852	0.85282	2.06345
o 30690-001R	MAEFORD LAKE	093/A/15/W:NE-087	52.83	120.97	C GODWIN: G79ML-243, D KLEPACKI	CARBONATE, BRECCIATED DOLOMITE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.248	15.664	37.861	0.85840	2.07480
o 30690-001A	MAEFORD LAKE (N=2)	093/A/15/W:NE-087	52.83	120.97	C GODWIN, D KLEPACKI	CARBONATE, BRECCIATED DOLOMITE	HADRYNIAN -CAMBRIAN	STRATABOUND CARBONATE	GL	18.296	15.655	37.856	0.85565	2.06909
c 30733-100	COTTON BELT	082/M/07/W:SE-086	51.44	118.80	T HOY: H78CB4-3: HOY & GODWIN 1987	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.441	15.660	38.234	0.84919	2.07333
c 30733-100R	COTTON BELT	082/M/07/E:SE-086	51.44	118.80	T HOY: H78CB4-3: HOY & GODWIN 1987	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.427	15.649	38.208	0.84922	2.07345
c 30733-100A	COTTON BELT (N=2)	082/M/07/W:SE-086	51.44	118.80	T HOY: H78CB4-3: HOY & GODWIN 1987	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.434	15.655	38.221	0.84921	2.07339
c 30733-101	COTTON BELT	082/M/07/W:SE-086	51.44	118.80	T HOY: H78CB4-45: HOY & GODWIN 1987	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.425	15.642	38.190	0.84893	2.07267
c 30733-102	COTTON BELT	082/M/07/W:SE-086	51.44	118.80	T HOY: H78CB4-1: HOY & GODWIN 1987	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.428	15.656	38.215	0.84957	2.07374
o 30733-501	COTTON BELT	082/M/07/W:SE-086	51.44	118.80	A SINCLAIR 1964: C0334289	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.610	15.869	38.838	0.85271	2.08694
o 30733-502	COTTON BELT	082/M/07/W:SE-086	51.44	118.80	P LECOUTEUR 1973: C0856	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.417	15.663	38.261	0.85046	2.07748
c 30733-AVG	COTTON BELT (N=3)	082/M/07/W:SE-086	51.44	118.80	T HOY: H78CB4-3, -45,-1: HOY & GODWIN 1987	MONASHEE COMPLEX: CALCAREOUS SHALE	EARLY CAMBRIAN	STRATIFORM	GL	18.429	15.651	38.249	0.84923	2.07342
o 30734-005	SHOWING (L3126, 2099)	082/E/06/E:SW-	49.47	119.06	WATSON W79BR-005: L3126,2099: WATSON ET AL 1982	WESTKETTLE GRANODIORITE?	JURASSIC: TERT RELATED?	VEIN	GL	18.978	15.602	38.652	0.82211	2.03667
o 30736-501	JORDAN RIVER	082/M/01/W:SE-001	51.15	118.42	P LECOUTEUR 1973: RJ858	MONASHEE COMPLEX: CALCAREOUS CLASTICS	EARLY CAMBRIAN?	STRATABOUND: CALC CLASTIC	GL	18.251	15.630	38.108	0.85639	2.08799
o 30736-502	JORDAN RIVER	082/M/01/W:SE-001	51.15	118.42	P LECOUTEUR 1973: RJ859	MONASHEE COMPLEX: CALCAREOUS CLASTICS	EARLY CAMBRIAN?	STRATABOUND: CALC CLASTIC	GL	17.924	15.592	37.804	0.86989	2.11359
o 30736-503	JORDAN RIVER	082/M/01/W:SE-001	51.15	118.42	I DUNCAN 1982: J-1*	MONASHEE COMPLEX: CALCAREOUS CLASTICS	EARLY CAMBRIAN?	STRATABOUND: CALC CLASTIC	GL	17.888	15.585	37.874	0.87125	2.11728
c 30738-100	RUDDOCK CREEK	082/M/15/W:NE-082	51.78	118.96	T HOY	SHUSWAP COMPLEX: LIMESTONE, SCHIST	HADRYNIAN?	STRATABOUND	GL	18.473	15.657	38.060	0.84754	2.06029
o 30738-501	RUDDOCK CREEK	082/M/15/W:NE-082	51.78	118.96	A SINCLAIR 1964: T0330292	SHUSWAP COMPLEX: LIMESTONE, SCHIST	HADRYNIAN?	STRATABOUND	GL	18.651	15.832	38.573	0.84886	2.06815

o 30738-502	RUDDOCK CREEK	082/M/15/W:NE-082	51.78	118.96	P LECOUTEUR 1973: T0857	SHUSWAP COMPLEX: LIMESTONE, SCHIST	HADRYNIAN?	STRATABOUND	GL	18.468	15.668	38.126	0.84839	2.06444
o 30740-003	CRANBERRY (DOLLAR)	082/E/06/E:SW-152	49.45	119.12	WATSON W7900-003: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.002	15.661	38.787	0.82418	2.04121
o 30744-002	HIGHLAND LASS	082/E/06/E:SW-133	49.43	119.06	WATSON W79HG-002: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.015	15.648	38.849	0.82293	2.04307
o 30744-003	HIGHLAND LASS	082/E/06/E:SW-133	49.43	119.06	WATSON W79HG-003: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.015	15.651	38.609	0.82309	2.03045
o 30744-004	HIGHLAND LASS	082/E/06/E:SW-133	49.43	119.06	WATSON W79HG-004: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.001	15.648	38.829	0.82354	2.04352
o 30744-005!	HIGHLAND LASS	082/E/06/E:SW-133	49.43	119.06	WATSON W79HG-005: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.383	15.613	38.514	0.80550	1.98700
o 30744-006	HIGHLAND LASS	082/E/06/E:SW-133	49.43	119.06	WATSON W79HG-006: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.027	15.628	38.676	0.82136	2.03269
o 30744-007	HIGHLAND LASS	082/E/06/E:SW-133	49.43	119.06	WATSON W79HG-007: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.071	15.660	38.856	0.82114	2.03744
o 30744-AVG	HIGHLAND LASS (N=5)	082/E/06/E:SW-133	49.43	119.06	WATSON W79HG-AVG: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	19.026	15.647	38.764	0.82240	2.03742
o 30745-007	NEW BEAVER	082/E/06/E:SW-	49.43	119.06	WATSON W79NB-007: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	18.993	15.596	38.703	0.82115	2.03775
o 30745-017	NEW BEAVER	082/E/06/E:SW-	49.43	119.06	WATSON W79NB-017: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	18.973	15.574	38.723	0.82085	2.04095
o 30745-AVG	NEW BEAVER (N=2)	082/E/06/E:SW-	49.43	119.06	WATSON W79NB-AVG: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE	JURASSIC: TERT RELATED	VEIN	GL	18.983	15.585	38.713	0.82100	2.03935
o 30746-001	PUEBLO FRACTION	082/E/06/E:SW-	49.43	119.06	WATSON W79PU-001: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE?	JURASSIC: TERT RELATED	VEIN	GL	18.981	15.639	38.742	0.82393	2.04109
o 30747-001	SALLY SHAFT	082/E/06/E:SW-073	49.43	119.07	WATSON W79ZS-001: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE?	JURASSIC: TERT RELATED	VEIN	GL	18.969	15.618	38.695	0.82334	2.03891
o 30749-020	BLACKSMITH	082/E/06/E:SW-	49.43	119.06	WATSON W798H-020: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE?	JURASSIC: JUR RELATED	VEIN	GL	18.662	15.600	38.653	0.83592	2.07121
o 30750-004	CAMPI (-DUMP)	082/E/06/E:SW-029	49.49	119.12	WATSON W79CR-004: WATSON, GODWIN & CHRISTOPHER 1982	WALLACE SCHIST, WESTKETTLE GRANODIORITE	PERMIAN -JUR: JUR RELATED	VEIN	GL	18.655	15.591	38.438	0.83575	2.06047
o 30751-002	EUGENE CREEK	082/E/06/E:SW-	49.39	119.11	WATSON W79EU-002: WATSON, GODWIN & CHRISTOPHER 1982	WESTKETTLE GRANODIORITE?	JURASSIC: JUR RELATED	VEIN	GL	18.657	15.595	38.915	0.83588	2.08581
c 30801-001	SILVER QUEEN	082/K/14/W:NW-	50.77	117.28	G CROWE: GSQ-001	INDEX FM: LIMESTONE IN GREEN ARGILLITE	CAMBRIAN -DEVONIAN	VEIN	GL	19.195	15.708	39.156	0.81826	2.03909
c 30801-002	SILVER QUEEN	082/K/14/W:NW-	50.77	117.28	G CROWE: GSQ-002	INDEX FM: LIMESTONE IN GREEN ARGILLITE	CAMBRIAN -DEVONIAN	VEIN	GL	19.199	15.711	39.166	0.81834	2.04002
c 30801-AVG	SILVER QUEEN (N=2)	082/K/14/W:NW-	50.77	117.28	G CROWE: GSQ-001	INDEX FM: LIMESTONE IN GREEN ARGILLITE	CAMBRIAN -DEVONIAN	VEIN	GL	19.197	15.709	39.161	0.81830	2.03995
c 30810-001	CAMBORNE	082/K/13/W:NW-076	50.80	117.78	G CROWE: CAM	JOWETT OR LARDEAU: LIMY PHYLLITE	CAMBRIAN -DEVONIAN	VEIN/ REPLACE/ STRATIFORM	GL	19.204	15.724	39.303	0.81881	2.04884
c 30811-001	YUELL TOWER	082/K/11/W:NW-028	50.63	117.36	G CROWE: YT	INDEX-TRIUNE FM: LIMY PHYLLITE	CAMBRIAN -DEVONIAN	VEIN (MASSIVE SULPHIDE)	GL	19.368	15.713	39.275	0.81127	2.02786
c 30812-001	HUNTER TRAPPER	082/K/13/W:NW-	50.82	117.54	G CROWE: GHTR 1+29	INDEX FM: CHLORITIC PHYLLITE & MARBLE	CAMBRIAN -DEVONIAN	STRATABOUND, CARBONATE	GL	18.291	15.685	38.199	0.85647	2.08848
c 30812-002	HUNTER TRAPPER	082/K/13/W:NW-	50.82	117.54	G CROWE: GHTR 1+41	INDEX FM: CHLORITIC PHYLLITE & MARBLE	CAMBRIAN -DEVONIAN	STRATABOUND, CARBONATE	GL	18.210	15.708	38.196	0.86249	2.09532
c 30812-002R	HUNTER TRAPPER	082/K/13/W:NW-	50.82	117.54	G CROWE: GHTR 1+41	INDEX FM: CHLORITIC PHYLLITE & MARBLE	CAMBRIAN -DEVONIAN	STRATABOUND, CARBONATE	GL	18.206	15.709	38.160	0.86285	2.09595
c 30812-002A	HUNTER TRAPPER (N=2)	082/K/13/W:NW-	50.82	117.54	G CROWE: GHTR 1+41	INDEX FM: CHLORITIC PHYLLITE & MARBLE	CAMBRIAN -DEVONIAN	STRATABOUND, CARBONATE	GL	18.208	15.708	38.158	0.86267	2.09564
o 30827-001	BLUE STAR	082/F/10/W:NE-	49.73	116.90	C GODWIN: G798S-001*	CARBONATE	CAMBRIAN?	STRATABOUND CARBONATE	GL	17.528	15.641	38.188	0.89234	2.17869
o 30827-002	BLUE STAR	082/F/10/W:NE-	49.73	116.90	REYNOLDS: BLUE STAR: REYNOLDS & SINCLAIR 1971	CARBONATE	CAMBRIAN?	STRATABOUND CARBONATE	GL	17.405	15.488	37.756	0.88986	2.16926
o 30828-501	HIGHLANDER	082/F/10/W:NE-030	49.72	116.91	P LECOUTEUR 1973: HI314	CARBONATE	CAMBRIAN?	STRATABOUND CARBONATE	GL	17.556	15.511	38.248	0.88352	2.17863

o 30829-501!	LAKESHORE	082/F/10/W:NE-018	49.77	116.92	A	SINCLAIR 1964: 4334182	AINSWORTH SERIES: LIMESTONE	CAMBRIAN?	STRATABOUND CARBONATE	GL	17.803	15.727	38.919	0.88339	2.18609
o 30829-501!$	LAKESHORE	082/F/10/W:NE-018	49.77	116.92	A	SINCLAIR: 4334182: REYNOLDS & SINCLAIR 1971	AINSWORTH SERIES: LIMESTONE	CAMBRIAN?	STRATABOUND CARBONATE	GL	17.558	15.496	38.194	0.88256	2.17530
o 30830-501	MONTEZUMA	082/F/14/E:NW-091	49.94	117.05	P	LECOUTEUR 1973: MU901	SLOCAN GP: CARBONATE?	TRIASSIC -JURASSIC	STRATABOUND CARBONATE	GL	17.583	15.507	38.244	0.88193	2.17505
o 30831-501	NICOLET	082/F/10/W:NE-019	49.75	116.92	P	LECOUTEUR 1973: NI316	MILFORD GP: CARBONATE	CARBONIFEROUS	STRATABOUND CARBONATE	GL	17.570	15.502	38.205	0.88230	2.17444
o 30832-501	TRIUMPH	082/F/15/W:NE-010	49.76	116.94	P	LECOUTEUR 1973: TR315	MILFORD GP: CARBONATE	CARBONIFEROUS	STRATABOUND CARBONATE	GL	17.537	15.506	38.224	0.88419	2.17962
o 30833-501	SILVER GLANCE	082/F/15/W:NE-010	49.77	116.94	P	LECOUTEUR 1973: ZG898	MILFORD GP: CARBONATE	CARBONIFEROUS	STRATABOUND CARBONATE	GL	17.489	15.486	37.994	0.88547	2.17245
o 30834-501	UNKNOWN (LOC APPROX)	082/F/15/W:NE-	49.75	116.90	J	COX 1979: OL*	MILFORD GP: CARBONATE	CARBONIFEROUS	UNKNOWN	GL	17.643	15.579	38.500	0.88301	2.18217
o 30835-501	ELISE	082/F/06/E:SW-192	49.35	117.17	P	LECOUTEUR 1973: EL860	ROSSLAND GP: YMIR FM: SCHIST	JURASSIC	VEIN	GL	19.114	15.696	38.845	0.82118	2.03228
o 30836-501	RED ROCK	082/F/03/W:SW-025	49.05	117.34	P	LECOUTEUR 1973: RO863	RENO FM: SCHIST, LIMESTONE	EARLY CAMBRIAN: JUR REL?	VEIN	GL	18.733	15.644	38.873	0.83510	2.07511
o 30838-501	BOSUN	082/F/14/W:NW-003	49.97	117.36	P	LECOUTEUR 1973: BP904	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.741	15.633	39.039	0.83416	2.08308
o 30839-501	CHAPLEAU	082/F/14/W:NW-130	49.74	117.39	P	LECOUTEUR 1973: CA877	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	19.141	15.679	38.927	0.81913	2.03370
o 30840-501	ELKHORN	082/E/02/E:SE-002	49.12	118.68	R	RUSSELL AND R FARQUHAR 1960: 1266697*	ANARCHIST GP: GREENSTONE, LIMESTONE: GRANITE	PERMIAN: JURASSIC RELATED	VEIN	GL	19.132	15.767	38.893	0.82412	2.03288
o 30842-501	RAINBOW	082/F/14/E:NW-087	49.98	117.11	P	LECOUTEUR 1973: RW868*	REEVES LIMESTONE	EARLY CAMBRIAN	STRATABOUND	GL	19.201	15.756	39.534	0.81718	2.05041
o 30843-501!	SPOKANE	082/F/02/W:SE-032	49.19	116.98	RUSSELL & FARQUHAR 1960: 3818210*		MONK FM: LIMESTONE: NELSON GRANITE	HADRYNIAN: JURASSIC REL	CARBONATE HOSTED	GL	19.250	15.947	39.561	0.82842	2.05512
o 30845-501	CALIFORNIA	082/F/14/W:NW-005	49.98	117.32	P	LECOUTEUR 1973: CI906	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.623	15.618	39.055	0.83864	2.09714
o 30846-501	CORK PROVINCE	082/F/14/E:NW-094	49.91	117.07	P	LECOUTEUR 1973: CK895*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.794	15.635	39.041	0.83191	2.07731
o 30847-501	CORONATION	082/F/14/W:NW-162	49.82	117.43	P	LECOUTEUR 1973: CN869	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	18.969	15.657	38.965	0.82540	2.05414
o 30848-501	DUBLIN QUEEN (NORTHERN BELLE)	082/K/03/E:SW-015	50.01	117.16	P	LECOUTEUR 1973: DQ900	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.752	15.639	39.032	0.83399	2.08148
o 30849-501	ENTERPRISE	082/F/14/W:NW-148	49.82	117.33	P	LECOUTEUR 1973: EN868*	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	18.721	15.635	38.970	0.83516	2.08162
o 30850-501	FISHER MAIDEN	082/F/14/E:NW-079	49.91	117.21	P	LECOUTEUR 1973: FM907*	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	18.743	15.634	38.974	0.83413	2.07939
o 30851-501	INDEX	082/F/14/E:NW-101	49.86	117.13	P	LECOUTEUR 1973: IN899*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.762	15.649	38.959	0.83408	2.07648
o 30852-501	IVANHOE	082/F/14/E:NW-057	49.95	117.24	P	LECOUTEUR 1973: IV905*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.747	15.644	39.021	0.83448	2.08145
o 30853-501	KALISPELL	082/F/14/W:NW-166	49.86	117.41	P	LECOUTEUR 1973: KA903*	SEDIMENT IN NELSON GRANITE	JURASSIC?	VEIN	GL	18.705	15.632	38.971	0.83571	2.08345
o 30855-501	LITTLE TIM	082/F/14/W:NW-157	49.81	117.37	P	LECOUTEUR 1973: LT902*	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	18.815	15.641	39.155	0.83130	2.08105
o 30856-501	NOBLE 5	082/F/14/E:NW-037	49.99	117.20	P	LECOUTEUR 1973: NO887	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.898	15.654	39.045	0.82887	2.06609
o 30858-501	PAYNE	082/K/03/E:SW-006	50.01	117.23	P	LECOUTEUR 1973: PY883*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.744	15.633	39.050	0.83403	2.08333
o 30860-501!	RECO	082/F/14/E:NW-035	49.97	117.20	R	RUSSELL AND R FARQUHAR 1960: 3625699	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.925	15.850	39.414	0.83752	2.08264
o 30861-501	RUTH HOPE	082/F/14/E:NW-052	49.97	117.23	P	LECOUTEUR 1973: RU878	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.703	15.631	39.018	0.83575	2.08619

o 30862-501	STANDARD	082/F/14/W:NW-180	49.96	117.32	P	LECOUTEUR 1973: ZT880*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.668	15.635	39.026	0.83753	2.09053
o 30863-501	VICTOR	082/F/14/W:NW-204	49.99	117.27	P	LECOUTEUR 1973: VC294*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.719	15.624	38.995	0.83466	2.08318
o 30863-502?	VICTOR	082/F/14/W:NW-204	49.99	117.27	A	SINCLAIR 1964: 3593294	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.954	15.884	39.725	0.83803	2.09586
o 30864-501	SILVER LEAF	082/F/14/W:NW-226	49.86	117.32	P	LECOUTEUR 1973 ZL867	NELSON GRANITE	JURASSIC: 164MA	VEIN	GL	18.630	15.614	38.932	0.83811	2.08975
o 30866-501	VULTURE	082/F/14/E:NW-201	49.98	117.16	P	LECOUTEUR 1973: VT884*	SLOCAN GP:	TRIASSIC -JURASSIC	VEIN	GL	18.708	15.628	39.032	0.83537	2.08638
o 30867-501	SILVERSMITH	082/F/14/E:NW-053	49.97	117.22	P	LECOUTEUR 1973: ZI879*	SLOCAN GP	TRIASSIC -JURASSIC	VEIN	GL	18.725	15.649	39.071	0.83573	2.08657
c 30906-001	SHOWING, MT WATT (LOC APPROX)	093/A/10/E:NE-	52.70	120.75	D	SKETCHLEY	?	?	UNKNOWN	GL	18.545	15.687	38.204	0.84589	2.06005
o 30963-001	DANKOE (UTICA, HORN SILVER)	082/E/04/E:SW-002	49.06	119.69	UBC E COLLECTION		OKANAGAN INTRUSIVES: GRANODIORITE	JURASSIC	VEIN	GL	19.058	15.595	38.772	0.81829	2.03442
o 30969-501	VAN ROI	082/F/14/W:NW-064	49.93	117.29	P	LECOUTEUR 1973: VR882*	SLOCAN GP	TRIASSIC -JURASSIC	VEIN	GL	18.712	15.647	39.053	0.83620	2.08706
o 30979-001	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	49.96	117.20	J	LOGAN 1986: CD-1(1A): OVERNIGHT LEACH OF SAMPLE	SLOCAN GP: CLASTICS: ANHEDRAL PY XTAL AGGREGATES	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	18.878	15.642	38.652	0.82858	2.04746
o 30979-001	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	49.96	117.20	J	LOGAN 1986: CD-1(1B): TOTAL DISSOLUTION OF SAMPLE	SLOCAN GP: CLASTICS: ANHEDRAL PY XTAL AGGREGATES	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	18.874	15.644	38.668	0.82886	2.04874
o 30979-001	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	49.96	117.20	J	LOGAN 1986: CD-1(1C): RESIDUE OF LEACH SAMPLE	SLOCAN GP: CLASTICS: ANHEDRAL PY XTAL AGGREGATES	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	18.869	15.631	38.637	0.82840	2.04764
o 30979-002	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	49.96	117.20	J	LOGAN 1986: CD-1(2C): RESIDUE OF LEACH SAMPLE	SLOCAN GP: CLASTICS: ANHEDRAL PY BLEBS	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	18.873	15.641	38.618	0.82875	2.04620
o 30979-002	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	49.96	117.20	J	LOGAN 1986: CD-1(2B): TOTAL DISSOLUTION OF SAMPLE	SLOCAN GP: CLASTICS: ANHEDRAL PY BLEBS	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	18.896	15.646	38.640	0.82801	2.04486
o 30979-002	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	49.96	117.20	J	LOGAN 1986: CD-1(2A): OVERNIGHT LEACH OF SAMPLE	SLOCAN GP: CLASTICS: ANHEDRAL PY BLEBS	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	18.971	15.656	38.751	0.82526	2.04264
o 30980-001	SLOCAN CAMP SEDIMENTS	082/K/03/E:NW-	50.07	117.13	J	LOGAN 1986: WW-22A (3C): RESIDUE OF LEACH SAMPLE	MARTIN CONGLOMERATE: EU-SUBHEDRAL XTAL AGGREGATES	EARLY PERMIAN	SYNGENETIC PY IN SEDIMENT	PY	19.750	15.689	38.674	0.79438	1.95818
o 30980-001	SLOCAN CAMP SEDIMENTS	082/K/03/E:NW-	50.07	117.13	J	LOGAN 1986: WW-22A (3A): OVERNIGHT LEACH OF SAMPLE	MARTIN CONGLOMERATE: EU-SUBHEDRAL XTAL AGGREGATES	EARLY PERMIAN	SYNGENETIC PY IN SEDIMENT	PY	19.761	15.676	38.641	0.79328	1.96554
o 30980-001	SLOCAN CAMP SEDIMENTS	082/K/03/E:NW-	50.07	117.13	J	LOGAN 1986: WW-22A (3B): TOTAL DISSOLUTION OF SAMPLE	MARTIN CONGLOMERATE: EU-SUBHEDRAL XTAL AGGREGATES	EARLY PERMIAN	SYNGENETIC PY IN SEDIMENT	PY	20.484	15.727	38.709	0.76777	1.88972
o 30981-001	SLOCAN CAMP SEDIMENTS	082/K/03/E:NW-	50.02	117.25	J	LOGAN 1986: PR-4 (4B): TOTAL DISSOLUTION OF SAMPLE	SLOCAN GP: CLASTICS: SUBHEDRAL MASSIVE XTALS	LATE TRIASSIC	SYNKINEMATIC PY IN SEDS	PY	19.582	15.683	38.614	0.79682	1.96189
o 30981-001	SLOCAN CAMP SEDIMENTS	082/K/03/E:NW-	50.02	117.25	J	LOGAN 1986: PR-4 (4A): OVERNIGHT LEACH OF SAMPLE	SLOCAN GP: CLASTICS: SUBHEDRAL MASSIVE XTALS	LATE TRIASSIC	SYNKINEMATIC PY IN SEDS	PY	19.903	15.693	38.740	0.78492	1.93768
o 30981-001	SLOCAN CAMP SEDIMENTS	082/K/03/E:NW-	50.02	117.25	J	LOGAN 1986: PR-4 (4C): RESIDUE OF LEACH SAMPLE	SLOCAN GP: CLASTICS: SUBHEDRAL MASSIVE XTALS	LATE TRIASSIC	SYNKINEMATIC PY IN SEDS	PY	19.214	15.649	38.567	0.81446	2.00723
o 30982-001	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	50.00	117.21	J	LOGAN 1986: PA-606 (5C): RESIDUE OF LEACH SAMPLE	SLOCAN GP: TUFF SLATE: MASSIVE RELICT FRAMBOIDS	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	18.946	15.637	38.653	0.82535	2.04017
o 30982-001	SLOCAN CAMP SEDIMENTS	082/G/14/W:NW-	50.00	117.21	J	LOGAN 1986: PA-606 (5A): OVERNIGHT LEACH OF SAMPLE	SLOCAN GP: TUFF SLATE: MASSIVE RELICT FRAMBOIDS	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY	19.120	15.659	38.741	0.81898	2.02620

o 30982-001	SLOCAN CAPP SEDIMENTS	082/G/14/W:NW-	50 00 117 21	J LOGAN 1986: PA-606 (5B): TOTAL DISSOLUTION OF SAMPLE	SLOCAN GP: TUFF SLATE: MASSIVE RELICT FRAMBOIDS	LATE TRIASSIC	DIAGENETIC PY IN SEDIMENT	PY 18 979 15 642 38 686 0 02417 2 03836		
o 30982-002	SLOCAN CAPP SEDIMENTS	082/G/14/W:NW-	50 00 117 21	J LOGAN 1986: PA-606 (6C): RESIDUE OF LEACH SAMPLE	SLOCAN GP: TUFFACEOUS SLATE: FRAMBOIDS	LATE TRIASSIC	SYNGENETIC PY IN SEDIMENT	PY 18 854 15 629 38 417 0 83784 2 05945		
o 30982-002	SLOCAN CAPP SEDIMENTS	082/G/14/W:NW-	50 00 117 21	J LOGAN 1986: PA-606 (6B): TOTAL DISSOLUTION OF SAMPLE	SLOCAN GP: TUFFACEOUS SLATE: FRAMBOIDS	LATE TRIASSIC	SYNGENETIC PY IN SEDIMENT	PY 18 501 15 617 38 506 0 84412 2 08129		
o 30982-0021	SLOCAN CAPP SEDIMENTS	082/G/14/W:NW-	50 00 117 21	J LOGAN 1986: PA-606 (6A): OVERNIGHT LEACH OF SAMPLE	SLOCAN GP: TUFFACEOUS SLATE: FRAMBOIDS	LATE TRIASSIC	SYNGENETIC PY IN SEDIMENT	PY 17 815 15 581 38 532 0 87480 2 16290		

TABLE 5.5OE.
Location, References, Host Units, and Deposit Type for Samples in the Omineca East Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE ID	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
o 30309-001	EMPIRE STRATHCONA	082/G/06/E:SW-015	49.41	115.20	B RYAN	UNKNOWN	UNKNOWN	STRATIFORM, SEDEX	GL	18.645	15.603	38.906	0.83685	2.08667
o 30362-001#	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	UBC E COLLECTION: ES 356: GODWIN & SINCLAIR 1982	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.343	15.368	35.871	0.94034	2.19489
o 30362-002	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	A ANDREW, C GODWIN	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.339	15.402	36.011	0.94265	2.20399
o 30362-002D	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	A ANDREW, C GODWIN	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.337	15.404	36.017	0.94289	2.20463
o 30362-002AV	ST EUGENE (N=2)	082/G/05/W:SW-025	49.28	115.82	A ANDREW, C GODWIN	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.338	15.403	36.014	0.94277	2.20431
o 30362-501#	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	P LECOUTEUR 1973: ST832	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.336	15.407	35.997	0.94313	2.20354
o 30362-502!	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	RUSSELL & FARQUHAR 1960: 4130698	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	18.949	15.863	39.264	0.83714	2.07209
o 30362-503!	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	RUSSELL & FARQUHAR 1960: 4131-28	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.477	15.437	36.436	0.93688	2.21132
o 30362-504!	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	RUSSELL & FARQUHAR 1960: 4131-29	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.409	15.588	36.590	0.94997	2.22987
o 30362-505!	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	LONG, SILVERMAN AND KULP 1960	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.410	15.590	36.590	0.95003	2.22974
o 30362-506!	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	LONG, SILVERMAN AND KULP 1960	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.480	15.440	36.440	0.93689	2.21116
o 30362-507!	ST EUGENE	082/G/05/W:SW-025	49.28	115.82	G LEECH AND R WANLESS 1962	MIDDLE ALDRIDGE	HELIKIAN	VEIN	GL	16.390	15.540	36.410	0.94814	2.22148
o 30362-AVG	ST EUGENE (N=3)	082/G/05/W:SW-025	49.28	115.82	A ANDREW, C GODWIN: -001, -002A: P LECOUTEUR: ST832	MIDDLE ALDRIDGE: QUARTZITE	HELIKIAN	VEIN, REPLACEMENT	GL	16.339	15.395	35.974	0.94222	2.20173
o 30367-001	SPIDER	082/K/13/E:NW-045	50.78	117.61	P EASTWOOD	CARBONATE SCHIST	UNKNOWN	VEIN	GL	19.157	15.732	39.260	0.82121	2.04938
o 30373-001	KOOTENAY KING	082/G/12/E:NW-009	49.73	115.59	UBC E COLL #ES327 (SUITE E1545): GODWIN & SINCLAIR 1982	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.382	15.409	36.073	0.94061	2.20199
o 30373-501	KOOTENAY KING	082/G/12/E:NW-009	49.73	115.59	P LECOUTEUR 1973: 4606778	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.405	15.451	36.151	0.94185	2.20366
o 30373-502!	KOOTENAY KING	082/G/12/E:NW-009	49.73	115.59	G LEECH AND R WANLESS 1962: MS526	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	17.010	15.610	36.480	0.91770	2.14344
o 30373-503!	KOOTENAY KING	082/G/12/E:NW-009	49.73	115.59	G LEECH AND R WANLESS 1962: MS530	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.230	15.110	35.500	0.93089	2.18731
o 30373-AVG	KOOTENAY KING (N=2)	082/G/12/E:NW-009	49.73	115.59	UBC E COLLECTION, P LECOUTEUR: GODWIN & SINCLAIR 1982	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.394	15.430	36.112	0.94120	2.20276
o 30376-501	LILY MAY EXTENSION	082/G/12/E:NW-011	49.70	115.55	P LECOUTEUR 1973: LI767	ALDRIDGE FM	HELIKIAN	VEIN	GL	18.908	15.650	39.054	0.82769	2.06548
o 30377-501	JUDYLU (MAGNET)	082/G/12/E:NW-001	49.66	115.58	G LEECH AND R WANLESS 1962: MS502	ALDRIDGE FM	HELIKIAN	VEIN	GL	18.600	15.840	38.800	0.85161	2.08602
o 30394-501	STORM KING	082/F/08/W:SE-008	49.50	116.45	G LEECH AND R WANLESS 1962: MS289	KITCHENER FM	HELIKIAN	VEIN		17.960	15.040	36.920	0.83742	2.05568
o 30395-502#	BOY SCOUT (WARHORSE)	082/F/09/E:NE-061	49.56	116.19	P LECOUTEUR 1973: BC764		HELIKIAN	VEIN	GL	18.929	15.702	38.805	0.82952	2.05003
o 30395-503	BOY SCOUT (WARHORSE)	082/F/09/E:NE-061	49.56	116.19	G LEECH AND R WANLESS 1962: MS154	ALDRIDGE FM	HELIKIAN	VEIN	GL	18.550	15.360	37.820	0.82803	2.03881
o 30395-504	BOY SCOUT (WARHORSE)	082/F/09/E:NE-061	49.56	116.19	G LEECH AND R WANLESS 1962: MS285	ALDRIDGE FM	HELIKIAN	VEIN	GL	18.760	15.590	38.730	0.83102	2.06450
o 30397-501	UPPER FINDLAY CREEK (LOC APPRX	082/K/02/W:SE-	50.08	116.37	G LEECH AND R WANLESS 1962: MS284	MOYIE INTRUSIONS	HELIKIAN	VEIN	GL	16.480	15.480	36.040	0.93611	2.18689
o 30411-501	BERTHA	082/G/13/E:NW-	49.77	115.65	G LEECH AND R WANLESS 1962: MS244	MOYIE INTRUSIONS	HELIKIAN	VEIN	GL	19.700	15.830	40.100	0.80355	2.03553

o	30414-S01	HW (LOC APPROX)	082/M/09/W:NE-	51.60	118.40	DUNCAN 1982: HW-O		HORSETHIEF CREEK GP: VOLCANICS	HADRYNIAN	VOLCANOGENIC?	GL	18.727	15.679	38.458	0.83724	2.05361
o	30434-001	RIFT	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.512	15.675	38.068	0.84675	2.05640
o	30434-002	RIFT	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.467	15.623	38.060	0.84600	2.06097
o	30434-003	RIFT	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.479	15.674	38.051	0.84821	2.05915
o	30434-004	RIFT	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.520	15.666	38.121	0.84590	2.05837
o	30434-004R	RIFT	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.536	15.698	38.197	0.84689	2.06069
o	30434-004R	RIFT	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.531	15.673	38.156	0.84577	2.05904
o	30434-004A	RIFT (N=3)	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.529	15.679	38.158	0.84619	2.05937
o	30434-AVG	RIFT (N=4)	082/M/15/E:NE-190	51.87	118.57	A ANDREW		INDEX FM: CALCAREOUS SCHIST	HADRYNIAN	SEDEX	GL	18.497	15.663	38.084	0.84679	2.05893
o	30439-001	CHICAGO	082/F/10/E:NE-109	49.57	116.65	A ANDREW		UPPER PURCELL GP: MT NELSON FM: DOLOMITIC SILTST	HADRYNIAN	VEIN	GL	17.900	15.541	37.885	0.86821	2.11648
c	30444-101	GOLDSTREAM	082/M/09/W:NE-141	51.62	118.44	T HOY		PHYLLITE, SCHIST	EARLY PALEOZOIC	VOLCANOGENIC: BESSHI	GL	18.876	15.695	38.650	0.83146	2.04753
c	30444-101R	GOLDSTREAM	082/M/09/W:NE-141	51.62	118.44	T HOY		PHYLLITE, SCHIST	EARLY PALEOZOIC	VOLCANOGENIC: BESSHI	GL	18.875	15.694	38.660	0.83146	2.04821
c	30444-101A	GOLDSTREAM (N=2)	082/M/09/W:NE-141	51.62	118.44	T HOY		PHYLLITE, SCHIST	EARLY PALEOZOIC	VOLCANOGENIC: BESSHI	GL	18.876	15.695	38.655	0.83146	2.04787
o	30444-S04	GOLDSTREAM	082/M/09/W:NE-141	51.62	118.44	I DUNCAN 1982: GL-O		PHYLLITE, SCHIST	EARLY PALEOZOIC	VOLCANOGENIC	GL	18.867	15.699	38.645	0.83209	2.04828
o	30444-S05	GOLDSTREAM	082/M/09/W:NE-141	51.62	118.44	DUNCAN 1982: PDP		PHYLLITE, SCHIST	EARLY PALEOZOIC	VOLCANOGENIC	PR	18.708	15.683	38.302	0.83030	2.04736
o	30447-S01	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368844		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.524	15.478	36.191	0.93670	2.19021
o	30447-S02	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368845		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.531	15.486	36.197	0.93678	2.18964
o	30447-S03	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368846		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.449	15.460	36.103	0.93988	2.19484
o	30447-S04	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368847		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.518	15.469	36.162	0.93649	2.18925
o	30447-S05	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368848		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.519	15.477	36.187	0.93692	2.19063
o	30447-S06	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368849		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.529	15.477	36.169	0.93635	2.18822
o	30447-S07	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368850		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.616	15.464	36.192	0.93067	2.17814
o	30447-S08	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973: 4368323		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.521	15.484	36.190	0.93723	2.19055
o	30447-S09!	SULLIVAN (CENTRAL ZONE)	082/F/09/E:NE-052	49.70	116.01	A SINCLAIR 1964: 4368321		LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.632	15.643	36.599	0.94054	2.20052

o 30447-509!	SULLIVAN (CENTRAL ZONE)	082/F/09/E:NE-052	49.70	116.01	A SINCLAIR: 4368321: REYNOLDS & SINCLAIR 1971 (RECALC)	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.521	15.505	36.209	0.93850	2.19170
o 30447-510!	SULLIVAN (I ZONE)	082/F/09/E:NE-052	49.70	116.01	A SINCLAIR 1964: 4368323	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.633	15.633	36.555	0.93988	2.19774
o 30447-510!	SULLIVAN (I ZONE)	082/F/09/E:NE-052	49.70	116.01	A SINCLAIR: 4368323: REYNOLDS & SINCLAIR 1971	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.522	15.500	36.168	0.93814	2.18908
o 30447-511!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	J BROWN 1962: 4368A26	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.660	15.590	36.390	0.93577	2.18427
o 30447-512!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	RUSSELL & FARQUHAR 1960: 4368200	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.671	15.671	36.587	0.94002	2.19465
o 30447-513!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	RUSSELL & FARQUHAR 1960: 4368512	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.618	15.591	36.674	0.93820	2.20688
o 30447-514!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	RUSSELL & FARQUHAR 1960: 4368-80	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	17.314	15.907	37.207	0.91874	2.14895
o 30447-515	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	MARVIN AND ZARTMAN 1984	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.530	15.477	36.176	0.93630	2.18851
o 30447-516	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	MARVIN AND ZARTMAN 1984	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.507	15.460	36.153	0.93657	2.19016
o 30447-517!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS295	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	AS	16.000	15.700	36.550	0.94088	2.18993
o 30447-518!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS296	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	PM	16.780	15.800	36.360	0.94160	2.16687
o 30447-519!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	LONG, SILVERMAN AND KULP 1980: FROM BATE ET AL	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	17.310	15.910	37.210	0.91912	2.14962
o 30447-520!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS283	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.660	15.590	36.690	0.93577	2.20228
o 30447-521!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS233	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.580	15.620	36.250	0.94210	2.18837
o 30447-522!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS500	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.620	15.640	36.580	0.94103	2.20096
o 30447-523!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS216	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.650	15.550	36.240	0.93393	2.17650
o 30447-524!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS238	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.580	15.590	36.300	0.94142	2.19203
o 30447-525!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS293	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.320	15.330	35.850	0.93934	2.19669
o 30447-526!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS247	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.950	15.590	36.360	0.91976	2.14631
o 30447-527!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS232	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	BO	16.450	15.470	36.190	0.94043	2.20000

o 30447-528!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS230	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.810	15.650	36.720	0.93099	2.18441
o 30447-529!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS[illegible]8	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.420	15.430	35.640	0.93971	2.17052
o 30447-530!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS231	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.530	15.540	36.380	0.94011	2.20085
o 30447-531!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS504	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.790	15.750	36.790	0.93806	2.19118
o 30447-532!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS498	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.620	15.660	36.650	0.94224	2.20517
o 30447-533!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS497	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.600	15.580	36.550	0.93517	2.19388
o 30447-534!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS214	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.610	15.560	36.280	0.93670	2.18423
o 30447-535!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS215	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.920	15.590	36.430	0.92139	2.15307
o 30447-536!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS287	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.860	15.880	36.620	0.94054	2.19940
o 30447-537!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS273	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.730	15.590	36.380	0.93186	2.17454
o 30447-538!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS274	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.580	15.580	36.290	0.93969	2.18878
o 30447-539!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS275	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.630	15.620	36.440	0.93927	2.19122
o 30447-540!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS276	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.620	15.520	36.310	0.93381	2.18472
o 30447-541!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS280	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.620	15.620	36.450	0.93863	2.19314
o 30447-542!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS498	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.620	15.650	36.680	0.94184	2.20578
o 30447-543!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS217	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.880	15.650	36.590	0.93709	2.19233
o 30447-544!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS241	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.680	15.590	36.450	0.93577	2.18788
o 30447-545!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS242	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.620	15.600	36.470	0.93863	2.19434
o 30447-546!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS243	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.700	15.660	36.580	0.93773	2.19042
o 30447-547!	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS503	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.770	15.760	36.830	0.93977	2.19618

o 30447-5481	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS222	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.520	15.500	36.190	0.93826	2.19068
o 30447-5491	SULLIVAN	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962: MS218	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.740	15.820	36.620	0.94504	2.18757
o 30447-AVG1	SULLIVAN (L&W: N=27)	082/F/09/E:NE-052	49.70	116.01	G LEECH AND R WANLESS 1962	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.630	15.600	36.440	0.93806	2.19122
o 30447-AVG2	SULLIVAN (N=8)	082/F/09/E:NE-052	49.70	116.01	P LECOUTEUR 1973	LOWER - MIDDLE ALDRIDGE CONTACT: CLASTICS	HELIKIAN	STRATIFORM SEDEX	GL	16.500	15.400	36.000	0.93333	2.18182
o 30464-001	NIP AND TUCK	082/K/08/E:SE-037	50.48	116.41	B PRICE: GOLDEN GATE MINING	PURCELL GP: MT NELSON FM: CARBONATE	HADRYNIAN	CARBONATE REPLACEMENT	GL	19.534	15.683	39.675	0.80286	2.03107
o 30468-001	SNOWFLAKE	082/N/04/W:SW-003	51.18	117.91	G GIBSON	HORSETHIEF CREEK: VOLCANICS: GRANODIORITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.197	15.894	39.488	0.81752	2.05899
o 30468-002	SNOWFLAKE	082/N/04/W:SW-003	51.18	117.91	G GIBSON	HORSETHIEF CREEK: VOLCANICS: GRANODIORITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.223	15.701	39.503	0.81678	2.05499
o 30468-003	SNOWFLAKE	082/N/04/W:SW-003	51.18	117.91	G GIBSON	HORSETHIEF CREEK: VOLCANICS: GRANODIORITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.142	15.778	39.481	0.82428	2.08253
o 30468-005	SNOWFLAKE (REGAL SILVER)	082/N/04/W:SW-003	51.19	117.91	B RYAN	HORSETHIEF CREEK: VOLCANICS: GRANODIORITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.222	15.692	39.443	0.81636	2.05197
o 30469-001	COLUMBIA A (PB-ZN)	082/N/04/W:SW-004	51.18	117.90	G GIBSON	HORSETHIEF CREEK: VOLCANICS: GRANODIORITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.200	15.695	39.455	0.81745	2.05495
o 30470-001	LANARK	082/N/04/W:SW-012	51.23	117.75	G GIBSON	LARDEAU GP?: CARBONACEOUS SEDIMENTS	CAMBRIAN OR LATER	VEIN	GL	18.820	15.884	39.273	0.83380	2.08677
o 30470-002	LANARK	082/N/04/W:SE-012	51.23	117.75	G GIBSON	LARDEAU GP?: CARBONACEOUS SEDIMENTS	CAMBRIAN OR LATER	VEIN	GL	18.803	15.874	39.214	0.83358	2.08552
c 30478-001	J & L	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: SELCO-BP: ISO-1	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.949	15.717	38.887	0.82944	2.05274
c 30478-001R	J & L	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: SELCO-BP: ISO-1	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.951	15.718	38.887	0.82941	2.05205
c 30478-001A	J & L (N=2)	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: SELCO-BP: ISO-1	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.950	15.718	38.892	0.82942	2.05239
c 30478-004	J & L	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: ISO-4	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.830	15.727	38.745	0.83519	2.05784
c 30478-004R	J & L	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: ISO-4	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.798	15.691	38.627	0.83481	2.05505
c 30478-004A	J & L (N=2)	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: ISO-4	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.813	15.709	38.636	0.83500	2.05634
c 30478-005	J & L	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: ISO-5	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.752	15.687	38.586	0.83655	2.05760
c 30478-006	J & L	082/M/08/E:SE-003	51.28	118.13	T MCKINLEY: ISO-6	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.806	15.706	38.681	0.83516	2.05582

c 30478-011	J & L	082/M/08/E:SE-003	51.28	118.13	T	MCKINLEY: ISO-11	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.738	15.669	38.525	0.83623	2.05598
c 30478-012	J & L	082/M/08/E:SE-003	51.28	118.13	T	MCKINLEY: ISO-12	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	18.754	15.670	38.585	0.83556	2.05749
o 30478-5011	J & L	082/M/08/E:SE-003	51.28	118.13	I	DUNCAN 1982	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	19.007	15.765	38.902	0.82943	2.04672
o 30478-5021	J & L	082/M/08/E:SE-003	51.28	118.13	I	DUNCAN 1982	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	19.039	15.778	39.007	0.82872	2.04880
o 30478-5031	J & L	082/M/08/E:SE-003	51.28	118.13	I	DUNCAN 1982	HAMILL FM: PHYLLITE, QUARTZITE, LIMESTONE FOOTWALL	CAMBRIAN	SEDEX, VEIN(?)	GL	19.004	15.767	39.077	0.82987	2.05625
o 30481-001	SOCIETY GIRL	082/G/05/W:SW-030	49.28	115.80	D	CAULFIELD: PAMICAN DEVELOPMENT	UPPERMOST ALDRIDGE AND CRESTON FM	HELIKIAN	VEIN	GL	16.304	15.396	36.001	0.94431	2.20811
o 30481-501	SOCIETY GIRL (ST EUGENE SYS)	082/G/05/W:SW-030	49.28	115.80	P	LECOUTEUR 1973: 4132835	UPPERMOST ALDRIDGE AND CRESTON FM	HELIKIAN	VEIN	GL	16.314	15.410	35.996	0.94459	2.20645
c 30559-001	CARBIDE (FISSURE CK)	082/M/10/W:SW-150	51.53	118.63	G	LEASK	MARBLE	EARLY CAMBRIAN	STRATABOUND, CARBONATE	GL	18.386	15.636	38.167	0.85043	2.07582
c 30559-001R	CARBIDE (FISSURE CK)	082/M/10/W:SW-150	51.53	118.63	G	LEASK	MARBLE	EARLY CAMBRIAN	STRATABOUND, CARBONATE	GL	18.392	15.645	38.197	0.85061	2.07680
c 30559-001A	CARBIDE (FISSURE CK, N=2)	082/M/10/W:SW-150	51.53	118.63	G	LEASK	MARBLE	EARLY CAMBRIAN	STRATABOUND, CARBONATE	GL	18.389	15.641	38.187	0.85052	2.07631
o 30624-501	MIDWAY	082/G/04/W:SW-021	49.24	115.89	P	LECOUTEUR 1973: MD838	MIDDLE ALDRIDGE FM	HELIKIAN: MESOZOIC REL?	VEIN	GL	17.940	15.564	38.593	0.86756	2.15123
c 30627-001	MT MAHON	082/G/04/W:SW-	49.12	115.98	P	SCHIARIZZA, CHEVRON: P584-100	ALDRIDGE FM: RELATED TO MOYIE INTRUSIONS	HELIKIAN	VEIN?	GL	16.338	15.398	35.985	0.94256	2.20257
c 30627-002	MT MAHON	082/G/04/W:SW-	49.12	115.98	P	SCHIARIZZA, CHEVRON: P584-101	ALDRIDGE FM: RELATED TO MOYIE INTRUSIONS	HELIKIAN	VEIN?	GL	16.339	15.407	35.998	0.94294	2.20317
o 30656-501	HOPE	082/G/05/W:SW-	49.40	115.85	P	LECOUTEUR 1973: HA765	MOYIE INTRUSIONS: CLASTICS, BASALT	HELIKIAN	VEIN	GL	16.319	15.406	35.996	0.94405	2.20577
o 30660-501	PEDRO	082/G/12/W:NW-	49.65	115.95	P	LECOUTEUR 1973: PF851	MOYIE INTRUSION: CLASTICS	HELIKIAN	VEIN, MOYIE INTRUSION REL	GL	16.438	15.433	36.082	0.93886	2.19504
o 30660-5021	PEDRO	082/G/12/W:NW-	49.65	115.95	G	LEECH AND R WANLESS 1962: MS532	MOYIE INTRUSION: BASALT	HELIKIAN	VEIN	GL	16.780	15.620	36.530	0.93087	2.17700
o 30661-501	LEADVILLE	082/F/01/W:SE-006	49.22	116.32	P	LECOUTEUR 1973: LE776	MIDDLE ALDRIDGE: CLASTICS, BASALT	HELIKIAN	VEIN	GL	16.333	15.411	35.997	0.94355	2.20394
o 30662-501	LONE PINE HILL	082/G/12/W:NW-	49.63	115.91	P	LECOUTEUR 1973: LO769	MIDDLE ALDRIDGE: CLASTICS, BASALT	HELIKIAN	VEIN	GL	16.431	15.433	36.104	0.93926	2.19731
o 30663-501	MOYIE TUNGSTEN	082/F/08/E:SE-	49.40	116.06	P	LECOUTEUR 1973: LE774	MIDDLE ALDRIDGE: CLASTICS, BASALT	HELIKIAN	VEIN	GL	16.383	15.423	36.086	0.94140	2.20143
o 30664-501	PARK	082/G/12/W:NW-012	49.65	115.90	P	LECOUTEUR 1973: PA775	LOWER ALDRIDGE: CLASTICS, BASALT	HELIKIAN	VEIN	GL	16.406	15.436	36.079	0.94088	2.19913
o 30664-5021	PARK	082/G/12/W:NW-012	49.65	115.90	G	LEECH AND R WANLESS 1962: MS246	LOWER ALDRIDGE: CLASTICS, BASALT	HELIKIAN	VEIN	GL	17.020	15.580	36.340	0.91539	2.13514
o 30665-501	POLLEN BASIN	082/F/09/W:NE-	49.55	116.30	P	LECOUTEUR 1973: 852	MIDDLE ALDRIDGE: CLASTICS, BASALT	HELIKIAN	VEIN	GL	16.542	15.444	36.306	0.93362	2.19478
o 30665-5021	POLLEN BASIN	082/F/09/W:NE-	49.55	116.30	G	LEECH AND R WANLESS 1962: MS499	ALDRIDGE: MOYIE DIORITE SILL	HELIKIAN	VEIN	GL	16.530	15.560	36.460	0.94132	2.20569
o 30666-501	VULCAN SILL (MILO #10)	082/F/16/W:NE-104	49.80	116.32	P	LECOUTEUR 1973: VL777	LOWER ALDRIDGE: CLASTICS, BASALT	HELIKIAN	VEIN, REPLACEMENT	GL	16.421	15.413	36.072	0.93861	2.19670
o 30667-501	AURORA (ST EUGENE SYSTEM)	082/G/05/W:SW-023	49.29	115.84	P	LECOUTEUR 1973: 4140833	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.337	15.409	36.024	0.94320	2.20506
o 30668-501	ALICE	082/F/02/E:SE-007	49.13	116.50	P	LECOUTEUR 1973: AC837	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.374	15.417	36.073	0.94155	2.20307
o 30669-501	FOPS	082/G/05/W:SW-054	49.35	115.88	P	LECOUTEUR 1973: 4135773	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.388	15.421	36.071	0.94099	2.20106

o	30669-502	FORS	082/G/05/W:SW-054	49.35	115.88	P	LECOUTEUR	1973: 4135808	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.341	15.404	35.981	0.94266	2.20188
o	30669-503	FORS	082/G/05/W:SW-054	49.35	115.88	P	LECOUTEUR	1973: 4135853	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.324	15.401	35.957	0.94346	2.20271
o	30669-AVG	FORS (N=3)	082/G/05/W:SW-054	49.35	115.88	P	LECOUTEUR	1973: '773, 808, 853	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.351	15.408	36.003	0.94233	2.20188
o	30670-501	KID CREEK	082/F/01/E:SE-013	49.20	116.22	P	LECOUTEUR	1973: 3801762	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.332	15.406	35.985	0.94330	2.20334
o	30671-501	MARYSVILLE	082/G/12/W:NW-005	49.62	115.98	P	LECOUTEUR	1973: MY888 (DDH)	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.603	15.467	36.392	0.93158	2.19189
o	30671-502	MARYSVILLE	082/G/12/W:NW-005	49.62	115.98	P	LECOUTEUR	1973: MY889 (DDH)	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.558	15.467	36.329	0.93411	2.19405
o	30671-AVG#	MARYSVILLE (N=2)	082/G/12/W:NW-005	49.62	115.98	P	LECOUTEUR	1973: MY888 & MY889	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.581	15.467	36.361	0.93281	2.19293
o	30672-501#	NORTH STAR	082/F/09/E:NE-053	49.68	116.02	P	LECOUTEUR	1973: 4369780	LOWER ALDRIDGE: QUARTZITE	HELIKIAN	STRATIFORM SEDEX	GL	16.434	15.449	36.052	0.94006	2.19374
o	30672-503!	NORTH STAR	082/F/09/E:NE-053	49.68	116.02	J	BROWN	1962: 4369208	LOWER ALDRIDGE: QUARTZITE	HELIKIAN	STRATIFORM SEDEX	GL	16.680	15.670	36.590	0.93945	2.19365
o	30672-504!	NORTH STAR	082/F/09/E:NE-053	49.68	116.02	R	RUSSELL AND R FARQUHAR	1960: 436914	LOWER ALDRIDGE: QUARTZITE	HELIKIAN	STRATIFORM SEDEX	GL	16.573	15.643	36.713	0.94386	2.21523
o	30672-505!	NORTH STAR	082/F/09/E:NE-053	49.68	116.02	R	RUSSELL AND R FARQUHAR	1960	LOWER ALDRIDGE: QUARTZITE	HELIKIAN	STRATIFORM SEDEX	CS	16.843	15.882	36.914	0.94176	2.19165
o	30673-501#	RIPROCK (B+V)	082/G/05/W:SW-041	49.48	115.88	P	LECOUTEUR	1973: RR760	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	16.426	15.430	36.106	0.93936	2.19010
o	30673-502!	RIPROCK (B+V)	082/G/05/W:SW-041	49.48	115.88	G	LEECH AND R WANLESS	1962	ALDRIDGE: CLASTICS	HELIKIAN	VEIN?	GL	17.780	15.540	36.400	0.87402	2.04724
o	30674-501	BLACK BEAR	082/G/12/W:NW-063	49.66	115.97	G	LEECH AND R WANLESS	1962: MS245	ALDRIDGE, BESIDE MOYIE INTRUSION	HELIKIAN	VEIN	GL	19.700	16.180	38.320	0.82132	1.94518
o	30675-501#	STEAMBOAT	082/F/09/E:NE-116	49.69	116.02	P	LECOUTEUR	1973: 4438781	LOWER ALDRIDGE: CLASTICS, QUARTZITE	HELIKIAN	STRATIFORM SEDEX	GL	16.444	15.450	36.087	0.93955	2.19454
o	30675-502!	STEAMBOAT	082/F/09/E:NE-116	49.69	116.02	G	LEECH AND R WANLESS	1962: MS506	LOWER ALDRIDGE: CLASTICS, QUARTZITE	HELIKIAN	STRATIFORM SEDEX	GL	16.670	15.750	36.860	0.94481	2.21116
o	30676-501#	VULCAN (HILO #4)	082/F/16/W:NE-116	49.81	116.33	P	LECOUTEUR	1973: 4423761	LOWER MIDDLE ALDRIDGE CONTACT: CLASTICS, QUARTZITE	HELIKIAN	STRATIFORM? SEDEX?	GL	16.339	15.404	35.562	0.94278	2.20099
o	30676-502!	VULCAN (HILO #4)	082/F/16/W:NE-116	49.81	116.33	G	LEECH AND R WANLESS	1962: MS527	LOWER MIDDLE ALDRIDGE CONTACT: CLASTICS, QUARTZITE	HELIKIAN	STRATIFORM? SEDEX?	GL	16.100	14.960	35.020	0.92919	2.17516
o	30677-501#	ESTELLA	082/G/13/W:NW-008	49.77	115.62	P	LECOUTEUR	1973: 779	ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.393	15.442	36.156	0.94199	2.20558
o	30677-503!	ESTELLA	082/G/13/W:NW-008	49.77	115.62	G	LEECH AND R WANLESS	1962: MS531	ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.660	15.630	36.690	0.93817	2.20228
o	30678-501#	DOMINION	082/F/09/W:NE-063	49.62	116.27	P	LECOUTEUR	1973: DM836	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.393	15.429	36.058	0.94119	2.19960
o	30678-502!	DOMINION	082/F/09/W:NW-063	49.62	116.27	G	LEECH AND R WANLESS	1962: MS153	MIDDLE ALDRIDGE: CLASTICS	HELIKIAN	VEIN	GL	16.520	15.420	36.210	0.93341	2.19189
o	30737-501	RY (LOC APPROX)	082/M/09/W:NE-	51.60	118.50	I	DUNCAN	1982: RY-0*	HORSETHIEF CREEK GP: VOLCANICS	HADRYNIAN	VOLCANOGENIC?	GL	18.744	15.693	38.646	0.83723	2.06178
o	30816-501	PALMAYRA	082/G/12/E:NW-010	49.72	115.55	P	LECOUTEUR	1973: PM756	ALDRIDGE FM	HELIKIAN	VEIN	GL	19.082	15.674	39.319	0.82140	2.06053
o	30817-501	ROSE PASS	082/F/15/E:NE-111	49.76	116.62	P	LECOUTEUR	1973: RP893	PURCELL GP: MT NELSON FM: BLACK SLATE	HADRYNIAN: JURASSIC REL?	VEIN	GL	18.952	15.708	38.870	0.82883	2.05097
o	30818-501	ANDERSON	082/F/09/E:NE-056	49.54	116.04	P	LECOUTEUR	1973: AE768	CRESTON FM: ARGILLACEOUS SEDIMENTS	HELIKIAN	VEIN	GL	18.792	15.638	38.778	0.83216	2.06354
o	30819-501	BIRDIE LAKE (BIRDIEL)	082/F/09/E:NE-057	49.54	116.03	P	LECOUTEUR	1973: BQ839	CRESTON FM: ARGILLITE & QUARTZITE, CUT BY PERRY CK	HELIKIAN	VEIN	GL	18.596	15.624	38.779	0.84018	2.08534

o	30820-501#	DAN HOWE	082/F/09/E:NE-052	49.60	116.20	P	LECOUTEUR 1973: DH759	LOWER ALDRIDGE FM	HELIKIAN	VEIN	GL	17.269	15.532	37.096	0.89941	2.14813
o	30820-502	DAN HOWE	082/F/09/E:NE-062	49.60	116.20	G	LEECH AND R WANLESS 1962: MS150	ALDRIDGE FM	HELIKIAN	VEIN	GL	18.970	16.180	38.320	0.85293	2.02003
o	30822-501#	LEADER (WELLINGTON)	082/F/09/E:NE-060	49.54	116.13	P	LECOUTEUR 1973: LD736	SHEAR ZONE (FAULT) BETWEEN CRESTON & KITCHENER FMS	HELIKIAN: MESOZOIC	VEIN	GL	18.532	15.612	39.009	0.84244	2.10495
o	30822-502	LEADER (WELLINGTON)	082/F/09/E:NE-060	49.54	116.13	G	LEECH AND R WANLESS 1962: MS151	SHEAR ZONE (FAULT) BETWEEN CRESTON & KITCHENER FMS	HELIKIAN: MESOZOIC	VEIN	GL	18.630	15.930	39.780	0.85507	2.13527
o	30823-501	LOCKHART CREEK	082/F/07/E:SE-	49.50	116.86	P	LECOUTEUR 1973: LH842	LOWER HORSETHIEF CREEK FM:	HADRYNIAN	VEIN	GL	18.847	15.680	39.231	0.83196	2.08155
o	30824-501	MONARCH	082/F/02/E:SE-	49.12	116.50	P	LECOUTEUR 1973: MC837	CATHEDRAL FM	MID CAMBRIAN	VEIN	GL	18.165	15.637	38.727	0.86083	2.13196
o	30825-501	POLARIS	082/F/09/E:NE-054	49.62	116.01	P	LECOUTEUR 1973: PS892	LOWER ALDRIDGE FM	HELIKIAN	VEIN	GL	18.520	15.655	38.657	0.84530	2.08731
o	30826-501#	PITT CREEK	082/F/09/E:NE-	49.60	116.01	P	LECOUTEUR 1973: PT891	MIDDLE ALDRIDGE FM	HELIKIAN	VEIN	GL	18.613	15.618	38.600	0.83909	2.07382
o	30826-502	PITT CREEK	082/F/09/E:NE-	49.60	116.01	G	LEECH AND R WANLESS 1962: MS156	ALDRIDGE FM	HELIKIAN	VEIN	GL	18.640	15.580	38.630	0.83584	2.07242
o	30826-503	PITT CREEK	082/F/09/E:NE-	49.60	116.01	G	LEECH AND R WANLESS 1962: MS237	ALDRIDGE FM	HELIKIAN	VEIN	GL	18.930	15.980	39.260	0.84416	2.07396
o	30863-501!	ML (LOC APPROX)	082/M/09/W:NE-	51.60	118.40	I	DUNCAN 1982: ML-1*	HORSETHIEF CREEK GP: VOLCANICS	HADRYNIAN	VOLCANOGENIC?	GL	18.904	15.703	38.947	0.83067	2.06025
o	30865-501!	SL (LOC APPROX)	082/M/09/W:NE-	51.60	118.50	I	DUNCAN 1982: SL-1*	HORSETHIEF CREEK GP: VOLCANICS	HADRYNIAN	VOLCANOGENIC?	GL	19.008	15.754	38.808	0.82881	2.04167
c	30893-001	BEND (NORTH ROAD)	083/D/01/W:SE-002	52.07	118.27	D	REDDY: UBC	MANGANIFEROUS DOLOMITE	CAMBRIAN	CARBONATE HOSTED	GL	18.204	15.612	37.996	0.85762	2.08722
c	30893-002!	BEND (CANYON)	083/D/01/E:SE-001	52.05	118.22	D	REDDY: UBC	BEDDED SULPHIDE	CAMBRIAN	SEDIMENT HOSTED	PY	18.721	15.596	38.481	0.83306	2.05552
c	30905-001	RUTH VERMONT	082/K/15/W:NE-009	50.92	116.98	R	LONGE: RUM-059	HORSETHIEF CREEK GP: LIMY SILTSTONE	CAMBRIAN	UNKNOWN	GL	19.093	15.721	38.975	0.82342	2.04138
c	30905-002	RUTH VERMONT	082/K/15/W:NE-009	50.92	116.98	R	LONGE: RUM-060	HORSETHIEF CREEK GP: LIMY SILTSTONE	CAMBRIAN	UNKNOWN	GL	18.999	15.686	38.774	0.82563	2.04083
o	30917-501	A (LISA)	082/K/09/W:NE-004	50.61	116.35	MARVIN AND ZARTMAN 1984		UPPER PART OF MT NELSON FM: CLASTICS?	HADRYNIAN: JURASSIC REL?	UNKNOWN	GL	18.214	15.613	38.302	0.85720	2.10289
o	30918-501	GREAT DANE	082/F/16/W:NE-051	49.77	116.44	MARVIN AND ZARTMAN 1984		CREATION FM: CLASTICS? ASSOCIATED PURCELL DIORITE	HELIKIAN	UNKNOWN	GL	16.353	15.406	36.049	0.94209	2.20443
o	30920-501	WELCOME AND ENTERPRISE	082/F/16/W:NE-091	49.76	116.47	MARVIN AND ZARTMAN 1984		KITCHENER FM: UNKNOWN	HELIKIAN	SHEAR ZONE, VEIN?	GL	16.378	15.407	36.070	0.94071	2.20235
o	40021-501	SHOWING (WATERTON AREA)	082/G/01/E:SE-	49.20	114.20	MARVIN AND ZARTMAN 1984		GRINNELL FM: CLASTICS?	HELIKIAN	STRATABOUND, CLASTIC?	GL	16.548	15.404	36.166	0.93087	2.18552

TABLE 5.5ON.
Location, References, Host Units, and Deposit Type for Samples in the Omineca North (Cassiar-Pelly) Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE NO.	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
o 10059-001	JOE	105/G/05/E:SW-006	61.33	131.51	J MORTENSON	RHYOLITE? QUARTZITE?	SILURIAN? E CARBONIF?	STRATIFORM	GL	18.632	15.631	38.582	0.83893	2.07074
c 10059-001	JOE	105/G/06/W:SW-006	61.33	131.49	C LALONDE: NEWMONT	RHYOLITE, TRACHYTE, QUARTZITE	EARLY CARBONIFEROUS	STRATIFORM	GL	18.725	15.659	38.774	0.83632	2.07089
c 10060-001	CYR	105/G/10/W:SW-069	61.33	131.17	C LALONDE: NEWMONT	METAQUARTZITE, CALC & CARB SEDIMENTS	CAMBRIAN -ORDOVICIAN	STRATIFORM	GL	18.393	15.635	38.436	0.85008	2.08981
o 10060-001	CYR	105/G/06/W:SW-069	61.33	131.32	J MORTENSON	QUARTZITE?	CAMBRIAN -ORD? SILURIAN?	STRATABOUND, CLASTIC	GL	18.424	15.664	38.473	0.85020	2.08820
c 10061-001	BNOB	105/F/10/E:NE-078	61.58	132.49	J MORTENSON: CYPRUS ANVIL	TUFF	DEVONIAN -E CARBONIFEROUS	VOLCANOGENIC	GL	18.673	15.651	38.599	0.83818	2.06722
o 10061-001	BNOB	105/F/10/E:NE-078	61.58	132.49	J MORTENSON	TUFF	DEVONIAN -E CARBONIFEROUS	VOLCANOGENIC?	GL	18.661	15.632	38.503	0.83768	2.06329
c 10061-001R	BNOB	105/F/10/E:NE-078	61.58	132.49	J MORTENSON: CYPRUS ANVIL	TUFF	DEVONIAN -E CARBONIFEROUS	VOLCANOGENIC	GL	18.668	15.656	38.609	0.83867	2.06828
c 10061-001A	BNOB (N=2)	105/F/10/E:NE-078	61.58	132.49	J MORTENSON: CYPRUS ANVIL	TUFF	DEVONIAN -E CARBONIFEROUS	VOLCANOGENIC	GL	18.671	15.654	38.604	0.83842	2.06775
c 10062-001	CHZERPNOUGH	105/F/09/E:NE-077	61.60	132.43	J MORTENSON: CYPRUS ANVIL	TUFF	DEVONIAN -E CARBONIFEROUS	VOLCANOGENIC	GL	18.730	15.672	38.694	0.83673	2.06601
o 10062-001	CHZERPNOUGH	105/F/09/E:NE-077	61.60	132.43	J MORTENSON	TUFF	DEVONIAN -E CARBONIFEROUS	VOLCANOGENIC?	GL	18.688	15.585	38.494	0.83396	2.05982
o 10063-001	ANGIE	105/F/15/E:NE-092	61.85	132.50	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	LIMESTONE	DEVONIAN: CRET -TERT REL?	VEIN?	GL	19.122	15.680	39.020	0.82000	2.04058
c 10065-001	DEV	105/K/03/W:SW-074	62.17	133.48	J GETTY: WELCOME NORTH MINES	CARBONATE	DEVONIAN ?	STRATIFORM	GL	18.529	15.651	38.532	0.84471	2.07971
o 10065-001	DEV	105/K/03/W:SW-074	62.17	133.48	J BROCK	CARBONATE	DEVONIAN	STRATABOUND, CARB HOSTED	GL	18.537	15.676	38.625	0.84566	2.08367
o 10066-001	SIR JOHN A (JA)	105/K/03/E:SW-073	62.07	133.15	J BROCK	SILTSTONE	CAMBRIAN -ORDOVICIAN	STRATIFORM SEDEX	GL	18.798	15.600	38.790	0.82988	2.06352
c 10067-001	SUNSET (FARGO)	105/K/03/E:SW-005	62.05	133.06	J BROCK: WELCOME NORTH MINES	SILTSTONE	ORDOVICIAN -SILURIAN	STRATIFORM	GL	18.678	15.670	38.624	0.83897	2.06796
o 10067-001	SUNSET (FARGO)	105/K/03/E:SW-005	62.05	133.06	J BROCK	SILTSTONE	CAMBRIAN -ORDOVICAN	STRATIFORM	GL	18.656	15.687	38.583	0.84086	2.06813
o 10068-001	MAT CREEK	105/F/10/E:NE-	61.56	132.65	C GODWIN, M SMITH: GODWIN, SINCLAIR & RYAN 1982	VOLCANICS?	E CARB? CRET -TERT REL?	VEIN? VOLCANOGENIC?	GL	19.477	15.711	39.683	0.80664	2.03743
c 10068-001	MAT CREEK	105/F/10/E:NE-	61.53	132.63	J BROCK: WELCOME NORTH MINES	VOLCANICS	E CARB?/ CRET-TERTY REL?	UNKNOWN	GL	19.500	15.726	39.717	0.80647	2.03692
c 10068-002	MAT CREEK	105/F/10/E:NE-	61.53	132.63	J BROCK: WELCOME NORTH MINES	VOLCANICS	E CARB?/ CRET-TERTY REL?	UNKNOWN	GL	19.494	15.716	39.679	0.80624	2.03555
o 10068-002	MAT CREEK	105/F/10/E:NE-	61.56	132.65	C GODWIN, M SMITH: GODWIN, SINCLAIR & RYAN 1982	VOLCANICS?	E CARB? CRET -TERT REL?	VEIN? VOLCANOGENIC?	GL	19.495	15.679	39.646	0.80426	2.03365
c 10068-AVG	MAT CREEK (N=2)	105/F/10/E:NE-	61.53	132.63	J BROCK: WELCOME NORTH MINES	VOLCANICS	E CARB?/ CRET-TERTY REL?	UNKNOWN	GL	19.497	15.721	39.698	0.80635	2.03624
o 10068-AVG	MAT CREEK (N=2)	105/F/10/E:NE-	61.56	132.65	C GODWIN, M SMITH: GODWIN, SINCLAIR & RYAN 1982	VOLCANICS?	E CARB? CRET -TERT REL?	VEIN? VOLCANOGENIC?	GL	19.486	15.695	39.664	0.80545	2.03551

o 10081-001	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: K18B: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.502	15.731	39.765	0.80663	2.03902
o 10081-002	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: K-18B: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.392	15.745	39.873	0.81193	2.05616
o 10081-003	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: A-1: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.516	15.740	39.694	0.80652	2.03392
o 10081-004	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: CANYON: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.478	15.725	39.621	0.80732	2.03414
o 10081-005	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: K-18C: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.481	15.729	39.673	0.80740	2.03650
o 10081-006	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: F-3: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.451	15.718	39.679	0.80808	2.03995
o 10081-007	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: F-1: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.468	15.726	39.770	0.80779	2.04284
o 10081-008	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	C GODWIN: FLOAT: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.469	15.710	39.655	0.80692	2.03683
o 10081-009	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	C GODWIN: STRATIFORM: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN? REPLACEMENT?	GL	19.482	15.726	39.632	0.80721	2.03429
o 10081-010	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	C GODWIN: STRATIFORM: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN? STRATIFORM?	GL	19.468	15.756	39.700	0.80933	2.03924
o 10081-011	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: K-18: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.356	15.618	39.432	0.80646	2.03615
o 10081-012	KETZA RIVER	105/F/09/E:NE-049	61.55	132.19	A BENTZEN: K-18: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.440	15.733	39.636	0.80931	2.03689
c 10081-101	KETZA (IONA F2 EAST, HOEY)	105/F/09/E:NE-047	61.53	132.20	K DAWSON: DY 3103	QUARTZITE	EARLY CAMBRIAN	VEIN	GL	19.467	15.718	39.618	0.80740	2.03511
c 10081-102	KETZA (IONA F2 WEST, HOEY)	105/F/09/E:NE-047	61.53	132.20	K DAWSON: DY 3103A	QUARTZITE	EARLY CAMBRIAN	VEIN	GL	19.484	15.734	39.674	0.80753	2.03627
c 10081-103	KETZA (IONA K18B, KETZAKEY)	105/F/09/E:NE-049	61.55	132.14	K DAWSON: DY 3105	SILTSTONE	LATE CAMBRIAN	VEIN	GL	19.474	15.728	39.648	0.80780	2.03593
c 10081-104	KETZA (IONA A-1, STUMP)	105/F/09/E:NE-048	61.53	132.15	K DAWSON: DY 3106	SILTSTONE	LATE CAMBRIAN	VEIN	GL	19.478	15.735	39.673	0.80788	2.03688
c 10081-104R	KETZA (IONA A-1, STUMP)	105/F/09/E:NE-048	61.53	132.15	K DAWSON: DY 3106	SILTSTONE	LATE CAMBRIAN	VEIN	GL	19.449	15.709	39.598	0.80769	2.03603
c 10081-104A	KETZA (IONA A-1, STUMP, N=2)	105/F/09/E:NE-048	61.53	132.15	K DAWSON: DY 3106	SILTSTONE	LATE CAMBRIAN	VEIN	GL	19.464	15.722	39.636	0.80131	2.03646
c 10081-105	KETZA (IONA)	105/F/09/E:NE-048	61.53	132.15	K DAWSON: DY 1418	SILTSTONE	CAMBRIAN	VEIN	GL	19.637	15.770	39.802	0.80312	2.02702
c 10081-AVG	KETZA (IONA) (N=4)	105/F/09/E:NE-048	61.53	132.15	K DAWSON: DY 3103, 3103A, 3105, 3106	CLASTICS	CAMBRIAN	VEIN	GL	19.472	15.726	39.644	0.80758	2.03594
o 10081-AVG	KETZA RIVER (N=11)	105/F/09/E:NE-049	61.55	132.19	A BENTZEN, C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE SLATE	DEV-E CARB: CRET RELATED?	VEIN	GL	19.459	15.721	39.678	0.80790	2.03906
o 10084-001	A+B	105/B/01/W:SE-126	60.12	130.43	C GODWIN, J CARNE: GODWIN, SINCLAIR & RYAN 1982	PHYLLITE	CAMBRIAN: CRET-TERT REL?	VEIN?	GL	19.516	15.714	39.657	0.80519	2.03202
o 10086-001	MM	105/F/07/E:SE-010	61.45	132.63	J MORTENSON: DDH 77MM01	VOLCANICS	EARLY CARBONIFEROUS	VOLCANOGENIC	GL	18.716	15.621	38.560	0.83463	2.06027
o 10088-002	MM	105/F/07/E:SE-010	61.45	132.63	C GODWIN: MAIN OUTCROP OF DEPOSIT	VOLCANICS	EARLY CARBONIFEROUS	VOLCANOGENIC	GL	18.659	15.634	38.589	0.83788	2.06812
o 10088-711	MM	105/F/07/E:SE-010	61.45	132.63	C GODWIN	VOLCANICS	EARLY CARBONIFEROUS	VOLCANOGENIC	GL	18.669	15.674	38.624	0.83957	2.06888
o 10088-736	MM	105/F/07/E:SE-010	61.45	132.63	C GODWIN	VOLCANICS	EARLY CARBONIFEROUS	VOLCANOGENIC	GL	18.706	15.687	38.653	0.83861	2.06634
o 10088-833	MM	105/F/07/E:SE-010	61.45	132.63	C GODWIN	VOLCANICS	EARLY CARBONIFEROUS	VOLCANOGENIC	GL	18.523	15.643	38.469	0.84452	2.07682
o 10088-AVG	MM (N=5)	105/F/07/E:SE-010	61.45	132.63	J MORTENSON, C GODWIN	VOLCANICS	EARLY CARBONIFEROUS	VOLCANOGENIC	GL	18.655	15.652	38.579	0.83902	2.06803

c 10090-001	HOWRU	105/F/09/E:NE-085	61.58	132.08	J MORTENSON, C GODWIN	QUARTZITE	SILURIAN -DEVONIAN	STRATABOUND, CLASTIC	GL	18.452	15.639	38.585	0.84759	2.09125
o 10090-001	HOWRU	105/F/09/E:NE-085	61.58	132.08	J MORTENSON	QUARTZITE	SILURIAN -DEVONIAN	STRATABOUND CLASTIC	GL	18.487	15.644	38.601	0.84622	2.08801
c 10090-001R	HOWRU	105/F/09/E:NE-085	61.58	132.08	J MORTENSON, C GODWIN	QUARTZITE	SILURIAN -DEVONIAN	STRATABOUND, CLASTIC	GL	18.447	15.628	38.554	0.84723	2.09012
c 10090-001A	HOWRU (N=2)	105/F/09/E:NE-085	61.58	132.08	J MORTENSON, C GODWIN	QUARTZITE	SILURIAN -DEVONIAN	STRATABOUND, CLASTIC	GL	18.450	15.634	38.570	0.84741	2.09069
c 10102-001	LOGTUNG (DARVA VEIN)	105/B/04/E:SW-030	60.02	131.63	C GODWIN		CRETACEOUS?	VEIN	GL	19.123	15.682	39.035	0.82009	2.04137
o 10102-001	LOGTUNG (DARVA VEIN)	105/B/04/E:SW-030	60.02	131.63	AMAX: GODWIN, SINCLAIR & RYAN 1982		CRETACEOUS RELATED?	VEIN	GL	19.195	15.641	38.857	0.81485	2.02433
o 10102-002	LOGTUNG (WEST)	105/B/04/E:SW-030	60.02	131.63	AMAX: GODWIN, SINCLAIR & RYAN 1982		CRETACEOUS RELATED?	VEIN	GL	19.328	15.714	39.495	0.81302	2.04341
c 10134-002	MC RIDGE (K1)	105/B/04/W:SW-045	60.18	131.72	M MASER: DDH:K1-157M: MATO, DITSON & GODWIN 1983	HORNFELS	UNKNOWN: CRET RELATED?	VEIN	GL	19.196	15.688	39.191	0.81725	2.04162
o 10134-001	MC RIDGE (K3)	105/B/04/W:SW-045	60.18	131.72	M MASER: DDH:K3-182.9: MATO, DITSON & GODWIN 1983	HORNFELS	UNKNOWN: CRET RELATED?	SKARN	GL	18.544	15.648	38.532	0.84383	2.07787
c 10134-001	MC RIDGE (K3)	105/B/04/W:SW-045	60.18	131.76	DUPONT: K-3:182.9M: C GODWIN	SEAGULL BATHOLITH: SKARN-HORNFELS		VEIN	GL	18.533	15.612	38.378	0.84240	2.07087
c 10134-001R	MC RIDGE (K3)	105/B/04/W:SW-045	60.18	131.76	DUPONT: K-3:182.9M: C GODWIN	SEAGULL BATHOLITH: SKARN-HORNFELS		VEIN	GL	18.547	15.630	38.433	0.84279	2.07236
c 10134-001A	MC RIDGE (K3) (N=2)	105/B/04/W:SW-045	60.18	131.76	DUPONT: K-3:182.9M: C GODWIN	SEAGULL BATHOLITH: SKARN-HORNFELS		VEIN	GL	18.540	15.621	38.406	0.84259	2.07162
c 10134-002	MC RIDGE (K1)	105/B/04/W:SW-045	60.18	131.76	DUPONT: K-1:157M: C GODWIN	SEAGULL BATHOLITH: SKARN-HORNFELS		VEIN	GL	19.162	15.669	39.109	0.81880	2.04111
c 10145-001	BLACK ROCK (ALAN)	105/B/02/E:SE-012	60.01	130.77	J ROWE: CORDILLERAN ENGINEERING	IGNEOUS INTRUSIVE	UNKNOWN	VEIN	GL	19.490	15.702	39.667	0.80564	2.03523
c 10145-001R	BLACK ROCK (ALAN)	105/B/02/E:SE-012	60.01	130.77	J ROWE: CORDILLERAN ENGINEERING	IGNEOUS INTRUSIVE	UNKNOWN	VEIN	GL	19.494	15.715	39.715	0.80612	2.03732
c 10145-001A	BLACK ROCK (ALAN, N=2)	105/B/02/E:SE-012	60.01	130.77	J ROWE: CORDILLERAN ENGINEERING	IGNEOUS INTRUSIVE	UNKNOWN	VEIN	GL	19.492	15.709	39.691	0.80588	2.03605
o 10154-001	MEISTER	105/B/08/W:SE-016	60.28	130.40	J ROWE	PHYLLITE SCHIST	HADRYNIAN -CAMBRIAN	STRATIFORM?	GL	18.463	15.674	38.041	0.84894	2.06039
c 10154-002	MEISTER	105/B/08/W:SE-016	60.28	130.40	B YOUNGMAN: CORDILLERAN ENGINEERING	SERICITIC PHYLLITE	EARLY CAMBRIAN	POSS. STRATIFORM GL & SL	GL	18.571	15.665	38.068	0.84352	2.04986
c 10154-002D	MEISTER	105/B/08/W:SE-016	60.28	130.40	B YOUNGMAN: CORDILLERAN ENGINEERING	SERICITIC PHYLLITE	EARLY CAMBRIAN	STRATIFORM	GL	18.557	15.662	38.044	0.84402	2.05012
c 10154-002A	MEISTER	105/B/08/W:SE-016	60.28	130.40	B YOUNGMAN: CORDILLERAN ENGINEERING	SERICITIC PHYLLITE	EARLY CAMBRIAN	STRATIFORM	GL	18.564	15.664	38.056	0.84377	2.05004
o 10155-001	WOLF	105/B/09/E:NE-074	60.55	130.03	J ROWE	QUARTZ BIOTITE SCHIST, CALCAREOUS PHYLLITE	HAD -CAM: CRET -TERT REL?	VEIN? STRATIFORM?	GL	19.402	15.747	39.704	0.81182	2.04639
c 10168-001	LOLA	105/B/01/W:SE-006	60.01	130.47	J ROWE: CORDILLERAN ENGINEERING	CASSIAR BATHOLITH	CRETACEOUS -TERTIARY	VEIN	GL	19.431	15.708	39.642	0.80841	2.04010
c 10168-001R	LOLA	105/B/01/W:SE-006	60.01	130.47	J ROWE: CORDILLERAN ENGINEERING	CASSIAR BATHOLITH	CRETACEOUS -TERTIARY	VEIN	GL	19.344	15.689	39.747	0.81158	2.05474
c 10168-001A	LOLA (N=2)	105/B/01/W:SE-006	60.01	130.47	J ROWE: CORDILLERAN ENGINEERING	CASSIAR BATHOLITH	CRETACEOUS -TERTIARY	VEIN	GL	19.388	15.704	39.695	0.80999	2.04530
c 10168-002	LOLA	105/B/01/W:SE-006	60.01	130.47	J ROWE: CORDILLERAN ENGINEERING	CASSIAR BATHOLITH	CRETACEOUS -TERTIARY	VEIN	GL	19.330	15.701	39.776	0.81227	2.05780
c 10168-003	LOLA	105/B/01/W:SE-006	60.01	130.47	J ROWE: CORDILLERAN ENGINEERING	CASSIAR BATHOLITH	CRETACEOUS -TERTIARY	VEIN	GL	19.434	15.711	39.678	0.80844	2.04172
c 10169-001	RAR (GRAYLING)	105/F/10/E:NE-088	61.62	132.62	J ROWE: CORDILLERAN ENGINEERING	CARBONATE LENS IN VOLCANICS	EARLY CARBONIFEROUS	STRATABOUND, REPLACEMENT	GL	19.631	15.738	39.817	0.80170	2.02825
c 10170-101	TINTINA	105/G/03/E:SE-004	61.15	131.15	TINTINA: TR841-16: K DAWSON: DY 3044	LOWER LIMESTONE	EARLY CAMBRIAN	STRATABOUND	GL	19.309	15.710	39.485	0.81362	2.04498

c 10170-102	TINTINA	105/G/03/E:SE-004	61.15	131.15	TINTINA: TR846-1: K DAWSON: DY 3045	LOWER LIMESTONE	EARLY CAMBRIAN	STRATABOUND /VEIN ?	GL	19.436	15.727	39.653	0.80917	2.04030
c 10170-102R	TINTINA	105/G/03/E:SE-004	61.15	131.15	TINTINA: TR846-1: K DAWSON: DY 3045	LOWER LIMESTONE	EARLY CAMBRIAN	STRATABOUND /VEIN ?	GL	19.446	15.740	39.705	0.80944	2.04190
c 10170-102A	TINTINA (N=2)	105/G/03/E:SE-004	61.15	131.15	TINTINA: TR846-1: K DAWSON: DY 3045	LOWER LIMESTONE	EARLY CAMBRIAN	STRATABOUND /VEIN ?	GL	19.441	15.734	39.679	0.80930	2.04318
c 10170-104	TINTINA	105/G/03/E:SE-004	61.15	131.15	TINTINA: 84G-67: K DAWSON: DY 3047	LOWER LIMESTONE	EARLY CAMBRIAN	STRATABOUND	GL	19.288	15.720	39.499	0.81506	2.04800
c 10170-105	TINTINA	105/G/03/E:SE-004	61.15	131.15	TINTINA: 84G-76A: K DAWSON: DY 3048	MIDDLE LIMESTONE	EARLY CAMBRIAN	VEIN	GL	19.390	15.729	39.644	0.81122	2.04469
c 10170-105R	TINTINA	105/G/03/E:SE-004	61.15	131.15	TINTINA: 84G-76A: K DAWSON: DY 3048	MIDDLE LIMESTONE	EARLY CAMBRIAN	VEIN	GL	19.369	15.734	39.568	0.81235	2.04294
c 10170-105A	TINTINA (N=2)	105/G/03/E:SE-004	61.15	131.15	TINTINA: 84G-76A: K DAWSON: DY 3048	MIDDLE LIMESTONE	EARLY CAMBRIAN	VEIN	GL	19.380	15.762	39.606	0.81179	2.04294
c 10170-106	TINTINA	105/G/03/E:SE-004	61.15	131.15	TINTINA: 84G-27: K DAWSON: DY 3049	UPPER LIMESTONE	EARLY CAMBRIAN	STRATABOUND BRECCIA	GL	19.277	15.714	39.487	0.81517	2.04847
c 10170-AVG	TINTINA (N=5)	105/G/03/E:SW-004	61.15	131.15	TINTINA: K DAWSON: DY 3045, 3047, 3048, 3049	LIMESTONE	EARLY CAMBRIAN	STRATABOUND	GL	19.339	15.728	39.551	0.81298	2.04569
c 10177-101	FIDDLER (GREISEN)	105/B/01/W:SE-004	60.15	130.45	K DAWSON: DY 1664	GREISEN		GREISEN, SN & W	GL	19.672	15.755	39.837	0.80091	2.02515
c 10177-102	FIDDLER (SKARN)	105/B/01/W:SE-004	60.15	130.45	K DAWSON: DY 1657	SKARN		SKARN	GL	19.668	15.753	39.826	0.80099	2.02505
c 10177-AVG	FIDDLER (N=2)	105/B/01/W:SE-004	60.15	130.40	K DAWSON: DY 1664, 1657			GREISEN & SKARN	GL	19.670	15.754	39.832	0.80095	2.02510
c 10179-101	TINTINA (CONTACT)	105/G/03/E:SE-004	61.16	131.16	K DAWSON: DY 3117	SHALE, HORNFELSED	EARLY CAMBRIAN	VEIN	SP	18.292	15.736	38.285	0.86024	2.00298
c 10179-102	TINTINA (CONTACT)	105/G/03/E:SE-004	61.16	131.16	K DAWSON: DY 3117A	SHALE, HORNFELSED	EARLY CAMBRIAN	VEIN	GL	19.436	15.750	39.744	0.81032	2.04487
c 10180-101	OXO EAST	105/F/09/E:NE-015	61.51	132.22	K DAWSON: DY 3108	LIMESTONE/ BLACK SHALE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.514	15.733	39.701	0.80626	2.03451
c 10180-101R	OXO EAST	105/F/09/E:NE-015	61.51	132.22	K DAWSON: DY 3108	LIMESTONE/ BLACK SHALE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.507	15.722	39.663	0.80593	2.03324
c 10180-101A	OXO EAST (N=2)	105/F/09/E:NE-015	61.51	132.22	K DAWSON: DY 3108	LIMESTONE/ BLACK SHALE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.511	15.728	39.682	0.80609	2.03388
c 10180-103	OXO VEIN	105/F/09/E:NE-015	61.51	132.22	K DAWSON: DY 3112A	LIMESTONE	EARLY CAMBRIAN	VEIN	GL	19.426	15.660	39.466	0.80618	2.03177
c 10180-AVG	OXO (N=2)	105/F/09/E:NE-015	61.51	132.22	K DAWSON: DY 3108, 3112A	LIMESTONE/ BLACK SHALE	EARLY CAMBRIAN	VEIN, REPLACEMENT	GL	19.459	15.694	39.575	0.80613	2.03282
o 30383-001	MAGNO (COAST SILVER)	104/P/05/W:SW-008	59.26	129.83	A PANTELEYEV: 74AP90A: COOKE & GODWIN 1984	ATAN GP: MARBLE	CAMBRIAN: CRET RELATED?	SKARN	GL	19.243	15.682	39.416	0.81495	2.04833
c 30383-002	MAGNO (SILVER QUEEN)	104/P/05/W:SW-008	59.26	129.82	C GODWIN: CORDILLERAN ENGINEERING	ATAN GP: LIMESTONE/ DOLOMITE	EARLY CAMBRIAN	REPLACEMENT	GL	19.199	15.681	39.323	0.81679	2.04814
c 30383-002R	MAGNO (SILVER QUEEN)	104/P/05/E:SW-008	59.26	129.82	C GODWIN: CORDILLERAN ENGINEERING	ATAN GP: LIMESTONE/ DOLOMITE	EARLY CAMBRIAN	STRATABOUND, CARBONATE	GL	19.196	15.686	39.331	0.81716	2.04894
c 30383-002A	MAGNO (SILVER QUEEN) (N=2)	104/P/05/W:SW-008	59.26	129.82	C GODWIN: CORDILLERAN ENGINEERING	ATAN GP: LIMESTONE/ DOLOMITE	EARLY CAMBRIAN	STRATABOUND, CARBONATE	GL	19.198	15.684	39.327	0.81697	2.04894
c 30383-004	MAGNO (SILVER QUEEN)	104/P/05/W:SW-008	59.26	129.82	C GODWIN: CORDILLERAN ENGINEERING	ATAN GP: LIMESTONE/ DOLOMITE	EARLY CAMBRIAN	STRATABOUND, CARBONATE	GL	19.198	15.685	39.337	0.81701	2.04901
c 30383-101	MAGNO (WEST)	104/P/05/W:SW-008	59.26	129.82	K DAWSON: DY 3081	ATAN GP: LIMESTONE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.199	15.684	39.328	0.81693	2.04842
c 30383-AVG	MAGNO (N=3)	104/P/05/W:SW-008	59.26	129.82	C GODWIN, K DAWSON	ATAN GP: LIMESTONE/ DOLOMITE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.198	15.684	39.331	0.81697	2.04866
o 30384-001	RAY 2	104/P/05/W:SW-040	59.27	129.85	A PANTELEYEV: 78AP133: COOKE & GODWIN 1984	ATAN GP: MARBLE	CAMBRIAN: CRET RELATED?	SKARN VEIN	GL	19.199	15.667	39.309	0.81603	2.04745
o 30385-001!	MARBLE BASIN (D-ZONE)	104/P/05/W:SW-080	59.26	129.82	A PANTELEYEV: 78AP133A: COOKE & GODWIN 1984	ATAN GP: DOLOMITE	CAMBRIAN: CRET RELATED?	VEIN	GL	19.326	15.770	39.571	0.81600	2.04755
c 30385-101!	MARBLE BASIN (GRANITE CK)	104/P/05/W:SW-081	59.26	129.86	K DAWSON: DY 3080	ATAN GP: LIMESTONE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	PY	19.218	15.786	39.288	0.82141	2.04431
c 30385-102	MARBLE BASIN (UPPER D)	104/P/05/W:SW-044	59.26	129.87	K DAWSON: DY 3078	ATAN GP: LIMESTONE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.198	15.687	39.320	0.81713	2.04819
c 30385-102R	MARBLE BASIN (UPPER D)	104/P/05/W:SW-044	59.26	129.87	K DAWSON: DY 3078	ATAN GP: LIMESTONE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.196	15.683	39.306	0.81699	2.04760

c 30385-102A	MARBLE BASIN (UPPER D)(N=2)	104/P/05/W:SW-044	59.28	129.87	K DAWSON: DY 3078	ATAN GP: LIMESTONE	EARLY CAMBRIAN	STRATABOUND IN CARBONATE	GL	19.197	15.685	39.313	0.81706	2.04790
o 30386-001	WEISMAN	104/P/04/W:SW-	59.13	129.77	A PANTELEYEV: 78AP148A: COOKE & GODWIN 1984	INGENIKA GP: GOOD HOPE MARBLE	MID -CAM: CRET RELATED?	VEIN	GL	19.224	15.735	39.349	0.81851	2.04687
o 30387-001	CONTACT (TELEMAC)	104/P/05/W:SW-004	59.32	129.87	A PANTELEYEV: 78AP173A: COOKE & GODWIN 1984	INGENIKA GP: GOOD HOPE MARBLE	MID -CAM: CRET RELATED?	SKARN	GL	18.980	15.666	39.222	0.82496	2.08540
o 30387-002	CONTACT (TELEMAC)	104/P/05/W:SW-004	59.32	129.87	C GODWIN, B COOKE: COOKE & GODWIN 1984	INGENIKA GP: LIMESTONE MARBLE	MID -CAM: CRET RELATED	SKARN	GL	19.317	15.808	39.582	0.81835	2.04908
o 30387-AVG1	CONTACT (TELEMAC) (N=2)	104/P/05/W:SW-004	59.32	129.87	C GODWIN, B COOKE: COOKE & GODWIN 1984	INGENIKA GP: LIMESTONE, MARBLE	MID -CAM: CRET RELATED	SKARN	GL	19.153	15.737	39.402	0.82165	2.05722
o 30399-001	SKARN SHOWING	104/P/05/W:SW-	59.33	129.88	B COOKE: 1026: COOKE & GODWIN 1984	INGENIKA GP: LIMESTONE CARBONATE	MID -CAM: CRET RELATED?	SKARN	GL	19.272	15.700	39.360	0.81465	2.04234
o 30400-001	CUSAC	104/P/04/E:SW-	59.19	129.70	A PANTELEYEV: 80AP-89: COOKE & GODWIN 1984	SYLVESTER GP: ARGILLITE HNGWALL, GREENSTONE FTWALL	DEV-PERMIAN: CRET RELATED	VEIN	GL	19.270	15.709	39.256	0.81520	2.01716
o 30436-002	ERICKSON (VOLLAUG)	104/P/04/E:SW-019	59.22	129.65	A PANTELEYEV	SLATE	DEV-PERMIAN: CRET RELATED	VEIN	GL	19.036	15.685	38.932	0.82396	2.04518
o 30460-001	MIDWAY (LOWER)	104/O/16/W:NE-003	59.91	130.33	J ROWE: MW81:3-114.18M	SILTSTONE SHALE	MID -UPPER DEV: TERT REL	STRATABOUND, CARBONATE	GL	19.315	15.676	39.668	0.81160	2.05478
c 30460-001	MIDWAY (LOWER)	104/O/16/W:NE-003	59.91	130.33	J ROWE: MW81-3: CORDILLERAN ENGINEERING	L SYLVESTER GP: SANDSTONE & SHALE	EARLY CARBONIFEROUS	STRATIFORM	GL	19.347	15.695	39.747	0.81123	2.05442
o 30460-002	MIDWAY (DISCOVERY ZONE)	104/O/16/W:SE-038	59.91	130.33	J ROWE: MW81:3-89.76M	SILTSTONE SHALE	EARLY CARBONIFEROUS : TERT	STRATIFORM, CLASTIC	GL	19.319	15.699	39.768	0.81262	2.05849
c 30460-002	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	J ROWE: MW81-3: CORDILLERAN ENGINEERING	L SYLVESTER GP: SANDSTONE & SHALE	EARLY CARBONIFEROUS	STRATIFORM	GL	19.279	15.686	39.718	0.81362	2.06018
c 30460-002$	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	J ROWE: MW81-3: CORDILLERAN ENGINEERING	L SYLVESTER GP: SANDSTONE & SHALE	EARLY CARBONIFEROUS	STRATIFORM	GX	19.296	15.679	39.696	0.81257	2.05716
c 30460-003	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	J ROWE: CORDILLERAN ENGINEERING	L SYLVESTER GP: SANDSTONE & SHALE	EARLY CARBONIFEROUS	STRATIFORM	GL	19.356	15.727	39.850	0.81251	2.05877
c 30460-004	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	J ROWE: CORDILLERAN ENGINEERING	SYLVESTER GP: SST & SHALE, VEINS ASSOC CASSIAR GTE	E CARB./ GTE 150 MA	VEINS CUT DISCOVERY	GL	19.310	15.694	39.731	0.81275	2.05755
c 30460-005	MIDWAY (LOWER)	104/O/16/W:NE-003	59.91	130.33	G GORZYNSKI: CGA-3: MW-82-10	SYLVESTER GP: LIMESTONE	MID -LATE DEVONIAN	CARBONATE HOSTED	GL	19.346	15.703	39.811	0.81168	2.05786
c 30460-006	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	G GORZYNSKI: CGA-4: MW-83-24	SYLVESTER GP: GRAPHITIC PHYLLITE	EARLY CARBONIFEROUS	VEIN CUTTING SILICICLAST	GL	19.326	15.695	39.766	0.81210	2.05763
c 30460-007	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	G GORZYNSKI: CGA-5: MW-81-03	SYLVESTER GP: SHALE	EARLY CARBONIFEROUS	SHALE HOSTED	GL	19.290	15.677	39.710	0.81268	2.05856
c 30460-007R	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	G GORZYNSKI: CGA-5: MW-81-03	SYLVESTER GP: SHALE	EARLY CARBONIFEROUS	SHALE HOSTED	GL	19.303	15.688	39.721	0.81269	2.05772
c 30460-007A	MIDWAY (DISCOVERY, N=2)	104/O/16/W:NE-038	59.91	130.33	G GORZINSKI: CGA-5: MW-81-03	SYLVESTER GP: SHALE	MID -LATE DEVONIAN	SHALE HOSTED	GL	19.297	15.683	39.716	0.81268	2.05814
c 30460-007P	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	G GORZYNSKI: CGA-5: MW-81-03	SYLVESTER GP: SHALE	EARLY CARBONIFEROUS	SHALE HOSTED	PY	19.332	15.717	39.812	0.81298	2.05934
c 30460-007PR	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	G GORZYNSKI: CGA-5: MW-81-03	SYLVESTER GP: SHALE	EARLY CARBONIFEROUS	SHALE HOSTED	PY	19.324	15.708	39.783	0.81285	2.05869
c 30460-007PA	MIDWAY (DISCOVERY, N=2)	104/O/16/W:NW-038	59.91	130.33	G GORZINSKI: CGA-5: MW-81-03	SYLVESTER GP: SHALE	MID -LATE DEVONIAN	SHALE HOSTED	PY	19.329	15.713	39.798	0.81291	2.05901
c 30460-008I	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	D HOOPER, UBC	SYLVESTER GP: SHALE	EARLY CARBONIFEROUS	SHALE HOSTED	GL	19.235	15.672	39.624	0.81474	2.05998
c 30460-008R	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	D HOOPER, UBC	SYLVESTER GP: SHALE	EARLY CARBONIFEROUS	SHALE HOSTED	GL	19.331	15.708	39.803	0.81259	2.05903
c 30460-008R	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	D HOOPER, UBC	SYLVESTER GP: SHALE	EARLY CARBONIFEROUS	SHALE HOSTED	GL	19.307	15.684	39.763	0.81288	2.05948
c 30460-008A	MIDWAY (DISCOVERY) (N=2)	104/O/16/W:NE-038	59.91	130.33	D HOOPER, UBC	SYLVESTER GP: SHALE	MID -LATE DEVONIAN	SHALE HOSTED	GL	19.319	15.701	39.783	0.81274	2.05925
c 30460-009I	MIDWAY (DISCOVERY)	104/O/16/W:NE-038	59.91	130.33	G GORZYNSKI: CGA-1: MW-81-03	UPPER ZONE: PHYLLITE	EARLY CARBONIFEROUS	SHALE HOSTED	GL	19.207	15.662	39.573	0.81541	2.06032

c 30480-008R	MIDWAY (DISCOVERY)	104/0/16/W:NE-038	59.91	130.33	G	GORZYNSKI: CGA-1: MW-81-03		UPPER ZONE: PHYLLITE	MID -LATE DEVONIAN	SHALE HOSTED	GL	19.317	15.711	39.795	0.81332	2.05016
c 30480-010	MIDWAY	104/0/16/W:NE-003	59.91	130.33	G	GORZYNSKI: CGA-2: MW-82-08		CARBONATE	MID -LATE DEVONIAN	CARB HOSTED, LOWER ZONE	GL	19.359	15.699	39.757	0.81095	2.05367
c 30480-011	MIDWAY	104/0/16/W:NE-003	59.91	130.33	C	GODWIN		LIMESTONE	MID -LATE DEVONIAN	CARBONATE HOSTED GL PODS	GL	19.338	15.696	39.753	0.81169	2.05572
c 30480-012	MIDWAY (SILVERTIP)	104/0/16/W:NE-003	59.91	130.33	C	GODWIN		LIMESTONE	MID -LATE DEVONIAN	CARBONATE HOSTED	GL	19.345	15.706	39.818	0.81189	2.05825
c 30480-012R	MIDWAY (SILVERTIP)	104/0/16/W:NE-003	59.91	130.33	C	GODWIN		LIMESTONE	MID -LATE DEVONIAN	CARBONATE HOSTED	GL	19.325	15.699	39.747	0.81237	2.05672
c 30480-012A	MIDWAY (SILVERTIP, N=2)	104/0/16/W:NE-003	59.91	130.33	C	GODWIN		LIMESTONE	MID -LATE DEVONIAN	CARBONATE HOSTED	GL	19.335	15.703	39.783	0.81213	2.05748
c 30480-013	MIDWAY	104/0/16/W:NE-003	59.91	130.33	G	GORZYNSKI: CGA-2: MW-82-08		CARBONATE	MID -LATE DEVONIAN	CARB HOSTED, LOWER ZONE	GL	19.321	15.702	39.771	0.81270	2.05845
c 30480-102!	MIDWAY (SILVERTIP, TOOTSIE R)	104/0/16/E:NE-003	59.22	130.33	K	DAWSON: DY 2929		MCDAME GROUP: LIMESTONE CUT BY DYKE	CAMBRIAN	STRATABOUND IN CARBONATE	PY	19.323	15.822	39.837	0.81882	2.05130
c 30481-001	BLUE (ICE LAKE)	104/P/12/W:NW-	59.53	129.99	CORDILLERAN ENGINEERING			SYLVESTER GP: SANDSTONE & SHALE	MID -LATE DEVONIAN	STRATIFORM	GL	18.513	15.649	38.595	0.84529	2.08473
c 30481-001R	BLUE (ICE LAKE)	104/P/12/W:NW-	59.53	129.99	CORDILLERAN ENGINEERING			SYLVESTER GP: SANDSTONE & SHALE	MID -LATE DEVONIAN	STRATIFORM	GL	18.544	15.670	38.648	0.84508	2.08416
c 30481-001A	BLUE (ICE LAKE) (N=2)	104/P/12/W:NW-	59.53	129.99	CORDILLERAN ENGINEERING			SYLVESTER GP: SANDSTONE & SHALE	MID -LATE DEVONIAN	STRATIFORM	GL	18.529	15.660	38.622	0.84517	2.08445
c 30474-001	BULLION CREEK	104/I/07/E:SE-011	58.40	128.62	C	SCOTT, PARICON DEVELOPMENT		SHALE	DEVONIAN	STRATABOUND	GL	18.638	15.780	38.724	0.84679	2.07794
c 30552-001	ARY (RARBACO)	104/0/16/W:NE-004	59.92	130.48	J	ROWE: CORDILLERAN ENGINEERING		ATAN GP: LIMESTONE/ CASSIAR BATHOLITH	EARLY CAMBRIAN	VEIN -REPLACEMENT	GL	19.408	15.708	39.649	0.80945	2.04313
c 30553-001	BUTLER MOUNTAIN (LOC APPROX)	104/0/16/ :NE-	59.00	130.00	J	ROWE: CORDILLERAN ENGINEERING				UNKNOWN	GL	19.649	15.760	39.841	0.80207	2.02769
c 30582-101	MT HASKIN (SE SKARN)	104/P/06/W:SW-020	59.34	129.49	K	DAWSON: DY 3084		GOOD HOPE GP: LIMESTONE: 49 MA GRANITE	HADRYNIAN	SKARN	GL	19.218	15.730	39.298	0.81849	2.04473
c 30582-101R	MT HASKIN (SE SKARN)	104/P/06/W:SW-020	59.34	129.49	K	DAWSON: DY 3084		GOOD HOPE GP: LIMESTONE: 49 MA GRANITE	HADRYNIAN	SKARN	GL	19.217	15.735	39.315	0.81882	2.04582
c 30582-101A	MT HASKIN (N=2)	104/P/06/W:SW-020	59.34	129.49	K	DAWSON: DY 3085		GOOD HOPE GP: LIMESTONE: 49MA GRANITE	HADRYNIAN	SKARN	GL	19.218	15.733	39.306	0.81865	2.04527
c 30582-102	MT HASKIN (NW SKARN)	104/P/05/E:SW-020	59.35	129.51	K	DAWSON: DY 3085		ATAN GP: LIMESTONE/ 49 MA GRANITE	EARLY CAMBRIAN	SKARN	GL	19.326	15.712	39.680	0.81300	2.05322
c 30872-101	NEEDLEPOINT SILVER	104/P/04/W:SW-	59.14	129.78	K	DAWSON: DY 3088A		NEEDLEPOINT MOUNTAIN STOCK: GRANITE	70MA, CRETACEOUS	VEIN	GL	19.348	15.695	39.530	0.81122	2.04314
c 30873-101	BILL-CARLICK (TRENCH 1)	104/P/03/E:SW-	59.22	129.22	K	DAWSON: DY 3086		ATAN GP: LIMESTONE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	18.257	15.620	38.278	0.85555	2.09645
c 30873-102	BILL-CARLICK (TRENCH 2)	104/P/03/E:SW-	59.22	129.22	K	DAWSON: DY 3087		ATAN GP: LIMESTONE	EARLY CAMBRIAN	REPLACEMENT IN CARBONATE	GL	18.153	15.607	38.200	0.85974	2.10429
c 30873-AVG	BILL-CARLICK (N=2)	104/P/03/E:SW-	59.22	129.22	K	DAWSON: DY 3086 & 3087		ATAN GP: LIMESTONE	EARLY CAMBRIAN	STRATABOUND IN CARBONATE	GL	18.205	15.614	38.238	0.85797	2.10038
c 30876-101	SILVER KNIFE	104/0/16/W:NE-	59.93	130.38	K	DAWSON: DY 3092		LIMESTONE	DEVONIAN	REPLACEMENT IN CARBONATE	GL	19.462	15.716	39.744	0.80755	2.04219

TABLE 5.5S.
Location, References, Host Units, and Deposit Type for Samples in the Selwyn Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
o 10030-001	COMINCO 3 (NECO)	106/B/05/W:SW-003	64.49	131.83	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	MELIKIAN	STRATABOUND	GL	18.289	15.681	38.670	0.85740	2.11439
o 10033-009	GOZ	106/C/07/E:SE-019	64.43	132.55	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.469	15.683	38.681	0.84915	2.09437
o 10034-009	BIRKELAND	106/B/04/W:SW-004	64.15	131.92	A BIRKELAND: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HADRYNIAN	STRATABOUND	GL	18.825	15.708	38.524	0.83442	2.04643
o 10034-010	BIRKELAND	106/B/04/W:SW-004	64.15	131.92	A BIRKELAND: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HADRYNIAN	STRATABOUND	GL	18.790	15.706	38.451	0.83587	2.04635
o 10034-AVG#	BIRKELAND (N=2)	106/B/04/W:SW-004	64.15	131.92	A BIRKELAND: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HADRYNIAN	STRATABOUND	GL	18.808	15.707	38.488	0.83512	2.04636
o 10050-001	DDD	105/O/13/W:NE-015	63.84	131.92	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HADRYNIAN	STRATABOUND	GL	18.813	15.696	38.476	0.83432	2.04518
c 10052-101	MEL-HOSER (MAIN)	095/D/08/W:SW-002	60.35	127.40	K DAWSON: DY 3093	RABBIT KETTLE FM: LIMESTONE	L CAMBRIAN -E ORDOVICIAN	REPLACEMENT IN CARBONATE	GL	18.700	15.693	38.714	0.83924	2.07032
c 10052-101D	MEL-HOSER (MAIN)	095/D/08/W:SW-002	60.35	127.40	K DAWSON: DY 3093	RABBIT KETTLE FM: LIMESTONE	L CAMBRIAN -E ORDOVICIAN	REPLACEMENT IN CARBONATE	GL	18.687	15.677	38.663	0.83895	2.06902
c 10052-101A	MEL-HOSER (MAIN, N=2)	095/D/08/W:SW-002	60.35	127.40	K DAWSON: DY 3092	RABBIT KETTLE FM: LIMESTONE	L CAMBRIAN -E ORDOVICIAN	STRATABOUND, CARBONATE	GL	18.694	15.685	38.688	0.83910	2.07181
c 10052-103	MEL-HOSER (JERI)	095/D/08/W:SW-002	60.37	127.32	K DAWSON: DY 3096A	RABBIT KETTLE FM: LIMESTONE	L CAMBRIAN -E ORDOVICIAN	STRATABOUND, CARBONATE	GL	22.355	16.039	42.821	0.71747	1.91549
c 10052-103R	MEL-HOSER (JERI)	095/D/08/W:SW-002	60.37	127.32	K DAWSON: DY 3096A	RABBIT KETTLE FM: LIMESTONE	L CAMBRIAN -E ORDOVICIAN	STRATABOUND, CARBONATE	GL	22.370	16.051	42.881	0.71752	1.91692
c 10052-103A	MEL-HOSER (JERI, N=2)	095/D/08/W:SW-002	60.37	127.32	K DAWSON: DY 3096A	RABBIT KETTLE FM: LIMESTONE	L CAMBRIAN -E ORDOVICIAN	STRATABOUND, CARBONATE	GL	22.363	16.045	42.851	0.71749	1.91620
o 10064-001	KATE	105/J/02/E:SE-	62.25	130.68	J BROCK: GODWIN & SINCLAIR 1982	QUARTZITE	ORDOVICIAN -SILURIAN	STRATABOUND?	GL	18.712	15.720	38.674	0.84010	2.07749
o 10067-501	SUNSET (FARGO)	105/K/03/E:SW-005	62.05	133.06	KUO & FOLINSBEE 1974	UNKNOWN	ORDOVICIAN -SILURIAN	UNKNOWN	GL	18.521	15.718	38.869	0.84866	2.08785
o 10069-001	MAXI	105/H/11/E:NW-083	61.63	129.17	J BROCK: GODWIN & SINCLAIR 1982	PHYLLITE	ORDOVICIAN -SILURIAN	STRATIFORM?	GL	18.749	15.726	38.843	0.83876	2.07174
o 10069-002	MAXI (D ZONE)	105/H/11/E:NW-083	61.64	129.18	J BROCK: WELCOME NORTH MINES	PHYLLITE	ORDOVICIAN -SILURIAN	STRATIFORM?	GL	18.554	15.643	38.561	0.84311	2.07831
o 10071-001	SPOTTED FAWN	116/B/07/E:SE-040	64.37	138.70	D EATON: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	PALEOZOIC -MESOZOIC	VEIN	GL	19.216	15.681	39.071	0.81604	2.03325
o 10073-001	MATT BERRY (BARB)	105/H/08/W:SW-017	61.47	129.40	C GODWIN: GODWIN & SINCLAIR 1982	PH ..ITE	SILURIAN?	STRATIFORM?	GL	18.689	15.698	38.578	0.83996	2.06410
o 10076-001	TOMBSTONE I (GRAVE)	116/B/07/E:SE-038	64.40	138.68	D EATON: GODWIN, SINCLAIR & RYAN 1982	SYENITE	CRETACEOUS: K-AR=85Ma	VEIN	GL	19.329	15.700	39.260	0.81225	2.03114
o 10076-002	TOMBSTONE II (SUBTRACT)	116/B/07/E:SE-041	64.40	138.66	D EATON: GODWIN, SINCLAIR & RYAN 1982	SYENITE	CRETACEOUS: K-AR=85Ma	VEIN	GL	19.055	15.686	38.920	0.82215	2.04251
o 10076-003	TOMBSTONE III (ROBERT SERVICE)	116/B/07/E:SE-042	64.38	138.64	D EATON: GODWIN, SINCLAIR & RYAN 1982	SYENITE	CRETACEOUS: K-AR=85Ma	VEIN	GL	19.483	15.708	39.606	0.80614	2.03285
o 10076-AVG	TOMBSTONE (N=3)	116/B/07/E:SE-039	64.40	138.69	D EATON: GODWIN, SINCLAIR & RYAN 1982	SYENITE	CRETACEOUS: K-AR=85Ma	VEIN	GL	19.279	15.691	39.262	0.81380	2.03652
o 10077-001	JASON	105/O/01/W:SE-016	63.15	130.33	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.737	15.646	39.651	0.83503	2.11619
o 10077-002	JASON	105/O/01/W:SE-016	63.15	130.33	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.667	15.649	38.501	0.83832	2.06252
o 10077-003	JASON	105/O/01/W:SE-016	63.15	130.33	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.661	15.664	38.809	0.83940	2.06807
o 10077-004	JASON	105/O/01/W:SE-016	63.15	130.33	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.698	15.693	38.820	0.83938	2.07638

o 10077-005	JASON	105/D/01/W:SE-016	63.15	130.33	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.705	15.678	38.732	0.83817	2.07068
o 10077-AVG#	JASON (N=5)	105/D/01/W:SE-016	63.15	130.33	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.695	15.666	38.863	0.83798	2.07879
o 10078-001	TOM	105/D/01/E:SE-001	63.17	130.15	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.654	15.639	38.771	0.83837	2.07843
o 10078-002	TOM	105/D/01/E:SE-001	63.17	130.15	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.655	15.666	38.656	0.83978	2.07215
o 10078-003	TOM	105/D/01/E:SE-001	63.17	130.15	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.633	15.636	38.538	0.83916	2.06816
o 10078-004	TOM	105/D/01/E:SE-001	63.17	130.15	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.673	15.691	38.704	0.84030	2.07273
o 10078-005	TOM	105/D/01/E:SE-001	63.17	130.15	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.695	15.727	38.692	0.84124	2.08034
o 10078-501	TOM (EAST)	105/D/01/E:SE-001	63.17	130.15	D LARGE 1981: TC10	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.699	15.705	38.658	0.83988	2.08738
o 10078-502	TOM (EAST)	105/D/01/E:SE-001	63.17	130.15	D LARGE 1981: TC11	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.720	15.720	38.680	0.83974	2.08624
o 10078-503	TOM (WEST)	105/D/01/E:SE-001	63.17	130.15	D LARGE 1981: TC47	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.829	15.811	38.922	0.83971	2.08713
o 10078-548	TOM	105/D/01/E:SE-001	63.17	130.15	RUSSELL & FARQUHAR 1960: 548	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.962	16.035	39.248	0.84564	2.08982
o 10078-AVG#	TOM (N=5)	105/D/01/E:SE-001	63.17	130.15	C GODWIN: GODWIN, SINCALIR & RYAN 1982	SHALE	EARLY DEVONIAN	STRATIFORM SEDEX	GL	18.882	15.672	38.712	0.83978	2.07438
o 10080-001	PELLY (CHAPLIN, ARD)	105/K/01/E:SE-054	62.03	132.12	W ROBERTS	UNKNOWN	CRETACEOUS RELATED?	SKARN?	GL	19.413	15.771	39.524	0.81239	2.03595
o 10083-001	PRISM (VAL: TETRAHEDRITE)	106/C/05/E:SW-063	64.26	133.68	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	20.903	15.844	41.800	0.75798	1.99871
o 10083-002	PRISM (VAL: HILLSIDE)	106/C/05/E:SW-063	64.25	133.69	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED	VEIN	GL	20.988	15.828	42.184	0.75414	2.00991
o 10083-003	PRISM (VAL: LITTLE REX)	106/C/05/E:SW-063	64.26	133.71	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	21.207	15.884	42.594	0.74900	2.00849
o 10083-004	PRISM (NORTH VAL)	106/C/05/E:SW-063	64.27	133.71	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	21.994	15.958	43.722	0.72556	1.98791
o 10083-005	PRISM (VERA: MAIN SHC.)	106/C/05/E:SW-064	64.26	133.68	A SINCLAIR: GODWIN, SINCLARI & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	21.055	15.846	42.263	0.75260	2.00727
o 10083-006	PRISM (VERA: TRENCH 2)	106/C/05/E:SW-064	64.26	133.68	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	21.152	15.907	42.490	0.75203	2.00879
o 10083-007	PRISM (ZAP)	106/D/08/E:SE-057	64.27	134.03	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	20.263	15.844	41.074	0.78192	2.02704
o 10083-AV1	PRISM (VAL, N=3)	106/C/05/E:SW-063	64.26	133.69	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	21.033	15.852	42.193	0.75387	2.00804
o 10083-AV2	PRISM (VERA, N=2)	106/C/05/E:SW-064	64.26	133.69	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	21.104	15.876	42.376	0.75227	2.00796
o 10083-AVG#	PRISM (N=4)	106/D/08/E:SE-	64.27	134.03	A SINCLAIR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN: CRET RELATED?	VEIN	GL	21.098	15.852	42.341	0.75135	2.00687
o 10085-001	PESO (MAIN VEIN)	106/D/04/W:SW-015	64.01	135.95	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	SCHIST	HADRYNIAN? CRET RELATED?	VEIN	GL	18.245	15.698	39.421	0.81569	2.04838
o 10085-002	PESO (REX VEIN)	106/D/04/W:SW-015	64.01	135.90	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	SCHIST	HADRYNIAN? CRET RELATED?	VEIN	GL	21.090	15.853	41.109	0.75168	1.94822
o 10086-001	GALENA HILL (HECTOR CALUPET)	105/M/14/W:NW-095	63.92	135.39	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR 85 Ma	PAZ-MEZ: CRET RELATED?	VEIN	GL	19.146	15.684	39.209	0.81918	2.04790
o 10086-002	GALENA HILL (ELSA)	105/M/14/W:NW-103	63.91	135.40	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-MEZ: CRET RELATED?	VEIN	GL	19.144	15.672	39.116	0.81864	2.04325
o 10086-004	GALENA HILL (SILVER KING)	105/M/14/W:NW-086	63.90	135.57	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-MEZ: CRET RELATED?	VEIN	GL	19.144	15.713	39.445	0.82078	2.06044
o 10086-005	GALENA HILL (SILVER KING)	105/M/14/W:NW-086	63.90	135.57	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-MEZ: CRET RELATED?	VEIN	GL	19.088	15.656	39.126	0.81977	2.04870

o 10086-006	KENO HILL (PADDY)	105/M/14/W:NW-019	63.92	135.32	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.038	15.705	39.980	0.82493	2.04748
o 10086-007	GALENA HILL (ELSA FTWALL GRAY)	105/M/14/W:NW-103	63.91	135.48	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.155	15.662	39.157	0.81765	2.04422
o 10086-008	GALENA HILL (ELSA HNGWALL BRAY	105/M/14/W:NW-103	63.91	135.48	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.136	15.650	39.214	0.81783	2.04823
o 10086-009	KENO HILL (RUBY)	105/M/14/W:NW-099	63.91	135.43	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.111	15.648	39.004	0.81680	2.04092
o 10086-010	GALENA HILL (HECTOR CALUMET)	105/M/14/W:NW-095	63.92	135.39	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.095	15.670	39.980	0.82108	2.04139
o 10086-011	KENO HILL (BERRINGHAM PIT)	105/M/14/W:NW-001	63.91	135.43	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.132	15.712	39.375	0.82124	2.05807
o 10086-012	GALENA HILL (HUSKY)	105/M/14/W:NW-087	63.92	135.48	O TESSARI: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.138	15.626	39.073	0.81658	2.04186
o 10086-013	GALENA HILL (HUSKY)	105/M/14/W:NW-087	63.92	135.48	O TESSARI: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.118	15.645	39.193	0.81834	2.05008
o 10086-014	GALENA HILL (HUSKY)	105/M/14/W:NW-087	63.92	135.48	O TESSARI: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.126	15.651	39.145	0.81831	2.04889
o 10086-015	GALENA HILL (HUSKY)	105/M/14/W:NW-087	63.92	135.48	O TESSARI: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.152	15.664	39.188	0.81768	2.04818
o 10086-016	GALENA HILL (SILVER KING)	105/M/14/W:NW-086	63.90	135.57	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.218	15.648	39.214	0.81413	2.04048
o 10086-017	KENO HILL (KENO)	105/M/14/W:NW-104	63.95	135.24	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.187	15.648	39.191	0.81555	2.04258
o 10086-018	KENO HILL (STONE)	105/M/14/W:NW-116	63.96	135.23	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	GRANITIC	PAZ-REZ: CRET VEIN RELATED?	GL	19.179	15.655	39.260	0.81626	2.04703
o 10086-019	KENO HILL (LADUE)	105/M/14/W:NW-007	63.98	135.20	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	GRANITIC	PAZ-REZ: CRET VEIN RELATED?	GL	19.320	15.675	39.380	0.81134	2.03830
o 10086-020	KENO HILL (SHAMROCK)	105/M/14/W:NW-100	63.94	135.24	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.234	15.684	39.346	0.81543	2.04585
o 10086-021	GALENA HILL (HUSKY V, CUTS-022	105/M/14/W:NW-087	63.92	135.48	J FRANZEN: HK-80-1/2, 1000FT; GODWIN ET AL 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.179	15.682	39.274	0.81768	2.04776
o 10086-022	GALENA HILL (HUSKY DISSEM)	105/M/14/W:NW-087	63.92	135.48	J FRANZEN: HK-80-1/2, 1000FT; GODWIN ET AL 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET DISSEMINATED RELATED?	GL	19.140	15.681	39.225	0.81823	2.04837
o 10086-500	KENO HILL	105/M/14/W:NW-104	63.95	135.24	KUO & FOLINSBEE 1974; FROM CUMMING ET AL 1955	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.356	15.765	39.651	0.81448	2.04851
o 10086-501	KENO HILL	105/M/14/W:NW-104	63.95	135.24	J BROWN, 1982	QUARTZITE	PAL-REZ: CRET VEIN RELATED?	GL	19.580	16.060	40.110	0.81981	2.04747
o 10086-AV1	GALENA HILL (HECTOR CALUM N=2)	105/M/14/W:NW-095	63.92	135.39	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.118	15.677	39.084	0.82010	2.04457
o 10086-AV2	GALENA HILL (ELSA, N=3)	105/M/14/W:NW-103	63.91	135.48	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.145	15.681	39.182	0.81802	2.04555
o 10086-AV3	GALENA HILL (SILVER KING, N=3)	105/M/14/W:NW-086	63.90	135.57	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.153	15.672	39.330	0.81825	2.05346
o 10086-AV4	GALENA HILL (HUSKY, N=6)	105/M/14/W:NW-087	63.92	135.48	TESSARI, FRANZEN	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.133	15.646	39.157	0.81775	2.04657
o 10086-AVG	GALENA HILL (N=7)	105/M/14/W:NW-	63.91	135.48	UBC E COL, TESSARI, FRANZEN; GODWIN ET AL 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.118	15.674	39.156	0.81986	2.04812
o 10086-AVG	KENO HILL (N=4)	105/M/14/W:NW-	63.95	135.24	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE: GRANITE K-AR = 85 Ma	PAZ-REZ: CRET VEIN RELATED?	GL	19.208	15.668	39.279	0.81579	2.04514
o 10087-001	STAND-TO MOUNTAIN	106/D/03/E:SW-007	64.03	135.17	UBC E COLLECTION: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	PAZ-REZ: CRET VEIN RELATED?	GL	19.545	15.739	39.820	0.80527	2.03735
o 10089-001	QUARTZ LAKE (MCMILLAN)	095/D/05/W:SW-003	60.50	127.93	P MCANDLESS: GODWIN & SINCLAIR 1981	CLASTIC	HADRYNIAN: CRET RELATED?	STRATABOUND? CLASTIC?	GL	20.098	15.620	39.699	0.78714	1.98473
o 10089-101	QUARTZ LAKE (MCMILLAN)	095/D/05/W:SW-003	60.50	127.93	P VAILLANCOURT	CLASTIC	HADRYNIAN: CRET RELATED?	STRATABOUND? CLASTIC?	GL	20.272	15.693	40.173	0.78399	1.98170
o 10089-102	QUARTZ LAKE (MCMILLAN)	095/D/05/W:SW-003	60.50	127.93	P VAILLANCOURT	CLASTIC	HADRYNIAN: CRET RELATED?	STRATABOUND? CLASTIC?	GL	20.162	15.670	40.164	0.78712	1.98206

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o 10094-001	PAY	105/G/15/E:NE-003	61.98	130.50	C GODWIN: GODWIN & SINCLAIR 1982	QUARTZ CARBONATE	SILURIAN -DEVONIAN	UNKNOWN	GL	18.672	15.704	38.788	0.84105	2.07734
o 10094-501	PAY (FORTIN LAKE)	105/G/15/E:NE-003	61.98	130.50	KUO & FOLINSBEE 1974	QUARTZ CARBONATE	SILURIAN -DEVONIAN	UNKNOWN	GL	18.691	15.700	38.671	0.83998	2.06896
o 10095-001	NAR	105/I/04/W:SW-001	62.03	129.84	W ROBERTS: GODWIN & SINCLAIR 1981	UNKNOWN	HADRYNIAN -CAMBRIAN: CRET	SKARN?	GL	19.324	15.722	39.480	0.81360	2.04202
o 10096-001	PAS (SHIELD, HOLE 1)	105/I/08/E:SW-008	62.48	129.23	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	EARLY SILURIAN	STRATIFORM SEDEX	GL	18.618	15.698	38.536	0.84316	2.08882
o 10096-002	PAS (SHIELD, HOLE 2)	105/I/08/E:SW-008	62.48	129.23	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	EARLY SILURIAN	STRATIFORM SEDEX	GL	18.620	15.681	38.615	0.84216	2.07384
o 10096-AVG	PAS (SHIELD, N=2)	105/I/08/E:SW-008	62.48	129.23	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	EARLY SILURIAN	STRATIFORM SEDEX	GL	18.619	15.689	38.576	0.84263	2.07186
o 10097-001	PLATA (NO.2)	105/N/09/E:NE-002	63.58	132.03	W ROBERTS: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.397	15.716	39.513	0.81023	2.03707
o 10097-002	PLATA (NO.6)	105/N/09/E:NE-002	63.58	132.03	W ROBERTS: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.403	15.707	39.510	0.80951	2.03828
o 10097-003	PLATA (THRUST)	105/N/09/E:NE-002	63.58	132.03	W ROBERTS: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.199	15.674	39.300	0.81640	2.04698
o 10097-004	PLATA (INCA)	105/O/12/W:NW-013	63.58	131.98	W ROBERTS: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.425	15.686	39.462	0.80752	2.03254
o 10097-005	PLATA (NO.2)	105/N/09/E:NE-002	63.58	132.03	W ROBERTS: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.418	15.701	39.395	0.80858	2.02879
o 10097-AV1	PLATA (NO.2 &6, N=3)	105/N/09/E:NE-002	63.58	132.03	W ROBERTS: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.408	15.708	39.473	0.80944	2.03406
o 10097-AVG	PLATA (N=5)	105/N/09/E:NE-002	63.58	132.03	W ROBERTS: GODWIN, SINCLAIR & RYAN 1982	QUARTZITE	HADRYNIAN: CRET RELATED	VEIN	GL	19.358	15.687	39.440	0.81046	2.03835
o 10108-001	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH77X11-2579FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.419	15.610	38.322	0.84740	2.08057
o 10108-002	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH77X11-2574FT: SHANKS III ET AL 1987	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.431	15.644	38.384	0.84679	2.08258
o 10108-003	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH77X11-2588FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.431	15.678	38.377	0.85052	2.08220
o 10108-00A	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH77X11-2558FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.383	15.660	38.338	0.85187	2.08551
o 10108-005	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH77X11-2561FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.411	15.685	38.385	0.85104	2.08488
o 10108-006	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH77X11-2547FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.396	15.668	38.515	0.85116	2.09366
o 10108-007	DY (UNKNOWN PART OF CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH77X11-2540FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.411	15.650	38.332	0.85003	2.08202
o 10108-008	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH88X11-2527FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.379	15.591	38.195	0.84830	2.07819
o 10109-009	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH78X00-2656FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.473	15.662	38.483	0.84783	2.08320
o 10109-010	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH78X11-2048FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.424	15.655	38.327	0.84971	2.08029
o 10109-011	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-080	62.23	133.10	D JENNINGS: DH78X11-2044FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.389	15.633	38.305	0.85013	2.08304

o 10109-012	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2846FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.417	15.648 38.338 0.84965 2.08166
o 10109-013	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2840FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.389	15.650 38.404 0.85105 2.08842
o 10109-014	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2839FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.403	15.648 38.415 0.85030 2.08743
o 10109-015	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2835FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.404	15.509 38.268 0.84759 2.07833
o 10109-016	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2833FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.407	15.681 38.193 0.85082 2.07492
o 10109-017	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2832FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.411	15.672 38.464 0.85123 2.08019
o 10109-018	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2829FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.398	15.626 38.307 0.84901 2.08303
o 10109-019	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2828FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.451	15.855 38.539 0.84848 2.08872
o 10109-020	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2826FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.465	15.879 38.438 0.84912 2.08187
o 10109-021	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2825FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.376	15.843 38.336 0.85127 2.08620
o 10109-022	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: DH78X11-2819FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.388	15.685 38.241 0.85201 2.07990
o 10109-AVG#	DY (N=22)	105/K/03/E:SW-090	62.23	133.10	D JENNINGS: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.411	15.649 38.380 0.84998 2.08354
o 10110-001	FARO (TOP OF ANVIL CYCLE)	105/K/06/W:SW-034	62.37	133.37	D JENNINGS: DH66:52-543FT: GODWIN & SINCLAIR 1982	SCHIST, PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.342	15.625 38.290 0.85187 2.08758
o 10110-002	FARO (MIDDLE OF ANVIL CYCLE)	105/K/06/W:SW-034	62.37	133.37	D JENNINGS: DH66:52-586FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.316	15.645 38.205 0.85417 2.08568
o 10110-003	FARO (BOTTOM OF ANVIL CYCLE)	105/K/06/W:SW-034	62.37	133.37	D JENNINGS: DH66:52-620FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.414	15.674 38.364 0.85120 2.08342
o 10110-501	FARO	105/K/06/W:SW-034	62.37	133.37	KUO & FOLINSBEE 1974	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.372	15.671 38.416 0.85298 2.08101
o 10110-502	FARO	105/K/06/W:SW-034	62.37	133.37	KUO & FOLINSBEE 1974	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.412	15.709 38.456 0.85319 2.08864
o 10110-752	FARO	105/K/06/W:SW-034	62.37	133.37	P LECOUTEUR 1973: HOLE 66-1	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.374	15.672 38.374 0.85294 2.08849
o 10110-753	FARO	105/K/06/W:SW-034	62.37	133.37	P LECOUTEUR 1973: HOLE 66-15	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.354	15.672 38.332 0.85387 2.08848
o 10110-755	FARO	105/K/06/W:SW-034	62.37	133.37	P LECOUTEUR 1973	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.392	15.672 38.401 0.85211 2.08792
o 10110-772	FARO	105/K/06/W:SW-034	62.37	133.37	P LECOUTEUR 1973: HOLE 66-10	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.349	15.662 38.326 0.85356 2.08872
o 10110-809	FARO	105/K/06/W:SW-034	62.37	133.37	P LECOUTEUR 1973: HOLE 66-33	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.365	15.668 38.345 0.85315 2.08794

o 10110-810	FARO	105/K/06/W:56-034	62.37	133.37	P LECOUTEUR 1973: HOLE 87-34	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.370	15.667	38.358	0.85286	2.08808
o 10110-811	FARO	105/K/06/W:56-034	62.37	133.37	P LECOUTEUR 1973: HOLE 88-4	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.368	15.657	38.312	0.85241	2.08580
o 10110-812	FARO	105/K/06/W:56-034	62.37	133.37	P LECOUTEUR 1973: HOLE 88-26	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.348	15.670	38.321	0.85414	2.08879
o 10110-813	FARO	105/K/06/W:56-034	62.37	133.37	P LECOUTEUR 1973: HOLE 88-27	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.401	15.683	38.409	0.85229	2.08733
o 10110-AVG#	FARO (N=3)	105/K/06/W:56-034	62.37	133.37	D JENNINGS: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.357	15.648	38.288	0.85243	2.08563
o 10110-AVG-	FARO (N=9)	105/K/06/W:56-034	62.37	133.37	P LECOUTEUR 1973	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.388	15.669	38.353	0.85301	2.08792
o 10110-AVG+	FARO MINE (N=2)	105/K/06/W:56-034	62.37	133.37	KUO & FOLINSBEE 1974: AV OF -501,-502	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.392	15.680	38.436	0.85309	2.08982
o 10112-501	FRANCES	105/H/08/W:56-009	61.27	129.26	KUO & FOLINSBEE 1974		ORDOVICIAN -SILURIAN	UNKNOWN	GL	18.875	15.701	38.512	0.84075	2.08222
o 10112-502	FRANCES	105/H/08/W:56-009	61.27	129.26	KUO & FOLINSBEE 1974		ORDOVICIAN -SILURIAN	UNKNOWN	GL	18.889	15.708	38.810	0.84129	2.08813
o 10112-503	FRANCES	105/H/08/W:56-009	61.27	129.26	KUO & FOLINSBEE 1974		ORDOVICIAN -SILURIAN	UNKNOWN	GL	18.717	15.738	38.647	0.84084	2.08481
o 10112-504	FRANCES	105/H/08/W:56-009	61.27	129.26	KUO & FOLINSBEE 1974		ORDOVICIAN -SILURIAN	UNKNOWN	GL	18.855	15.672	38.485	0.84010	2.08101
o 10112-AVG	FRANCES (N=4)	105/H/08/W:56-009	61.27	129.26	KUO & FOLINSBEE 1974		ORDOVICIAN -SILURIAN	UNKNOWN	GL	18.878	15.704	38.558	0.84073	2.08424
o 10115-501	KATHLEEN	108/D/08/E:SE-001	64.30	134.22	KUO & FOLINSBEE 1974	UNKNOWN	UNKNOWN: CRET RELATED?	VEIN	GL	19.701	15.845	40.524	0.80429	2.88885
o 10125-025	SWIM	105/K/03/E:SW-025	62.22	133.03	D JENNINGS: 4EB:A25-334FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.337	15.649	38.299	0.85341	2.08882
o 10125-035	SWIM	105/K/03/E:SW-025	62.22	133.03	D JENNINGS: 4EB:A35-366FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.327	15.624	38.138	0.85251	2.08088
o 10125-AVG	SWIM (N=2)	105/K/03/E:SW-025	62.22	133.03	D JENNINGS: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.332	15.636	38.218	0.85293	2.08477
o 10125-819	SWIM	105/K/03/E:SW-025	62.22	133.03	P LECOUTEUR 1973: 819	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.348	15.664	38.297	0.85381	2.08749
o 10125-820	SWIM	105/K/03/E:SW-025	62.22	133.03	P LECOUTEUR 1973: 820	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.338	15.688	38.293	0.85429	2.08818
o 10125-821	SWIM	105/K/03/E:SW-025	62.22	133.03	P LECOUTEUR 1973: 821	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.341	15.688	38.309	0.85432	2.08871
o 10125-822	SWIM	105/K/03/E:SW-025	62.22	133.03	P LECOUTEUR 1973: 822	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.338	15.659	38.273	0.85400	2.08731
o 10125-BAVG	SWIM (N=4)	105/K/03/E:SW-025	62.22	133.03	P LECOUTEUR 1973	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.340	15.665	38.283	0.85414	2.08785
o 10126-757	VANGORDA	105/K/03/E:SW-029	62.25	133.22	P LECOUTEUR 1973: 757	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.351	15.668	38.309	0.85370	2.08757
o 10126-771	VANGORDA	105/K/03/E:SW-029	62.25	133.22	P LECOUTEUR 1973: 771	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.351	15.662	38.272	0.85347	2.08655
o 10126-815	VANGORDA	105/K/03/E:SW-029	62.25	133.22	P LECOUTEUR 1973: 815	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.358	15.682	38.315	0.85324	2.08733
o 10126-816	VANGORDA	105/K/03/E:SW-029	62.25	133.22	P LECOUTEUR 1973: 816	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.348	15.668	38.273	0.85403	2.08618
o 10126-818	VANGORDA	105/K/03/E:SW-029	62.25	133.22	P LECOUTEUR 1973: 818	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.365	15.676	38.334	0.85358	2.08734
o 10126-AVG	VANGORDA (N=5)	105/K/03/E:SW-029	62.25	133.22	P LECOUTEUR 1973	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.354	15.667	38.301	0.85380	2.08679
o 10127-001	SB	105/K/02/W:56-022	62.18	132.90	D JENNINGS: DH74-04:435FT: GODWIN & SINCLAIR 1982	SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.530	15.655	38.397	0.84485	2.07215

c 10127-002	SB	105/K/02/W:SW-022	62.18	132.90	C	GODWIN		SCHIST, PHYLLITE	EARLY CAMBRIAN	STRATIFORM, SEDEX	GL	18.514	15.645	38.390	0.84501	2.07363
c 10127-002R	SB	105/K/02/W:SW-022	62.18	132.90	C	GODWIN		SCHIST, PHYLLITE	EARLY CAMBRIAN	STRATIFORM, SEDEX	GL	18.520	15.657	38.441	0.84511	2.07489
c 10127-002A	SB (N=2)	105/K/02/W:SW-022	62.18	132.90	C	GODWIN		SCHIST, PHYLLITE	EARLY CAMBRIAN	STRATIFORM, SEDEX	GL	18.521	15.651	38.416	0.84506	2.07426
o 10127-003	SB	105/K/02/W:SW-022	62.18	132.90	D	JENNINGS: DH74-03:244FT: GODWIN & SINCLAIR 1982		SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.370	15.678	38.394	0.85346	2.09004
o 10127-004	SB	105/K/02/W:SW-022	62.18	132.90	D	JENNINGS: 456-75-03:559FT: GODWIN & SINCLAIR 1982		SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.506	15.670	38.783	0.84311	2.08668
o 10127-005	SB	105/K/02/W:SW-022	62.18	132.90	D	JENNINGS: 456-75-04:915FT: SHARKS III ET AL 1987		SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.436	15.673	38.426	0.85013	2.08429
o 10127-AVG	SB (N=4)	105/K/02/W:SW-022	62.18	132.90	D	JENNINGS		SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.480	15.669	38.500	0.84789	2.08333
o 10128-754	SEA	105/K/04/W:SW-021	62.18	132.87	P	LECOUTEUR 1973: 754		SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.224	15.635	38.142	0.85794	2.09295
o 10128-823	SEA	105/K/04/W:SW-021	62.18	132.87	P	LECOUTEUR 1973: 823		SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.486	15.668	38.457	0.84756	2.08033
o 10128-AVG	SEA (N=2)	105/K/04/W:SW-021	62.18	132.87	P	LECOUTEUR 1973		SCHIST PHYLLITE	EARLY CAMBRIAN	STRATIFORM SEDEX	GL	18.355	15.657	38.299	0.85301	2.08657
o 10129-758	MUR (VEIN IN ANVIL BATHOLITH)	105/K/06/E:SW-027	62.31	133.08	P	LECOUTEUR 1973: 10129758		GRANODIORITE	CRETACEOUS	VEIN	GL	19.230	15.725	39.325	0.81773	2.04498
o 10130-876	RAZ (VEIN IN ANVIL BATHOLITH)	105/K/06/E:SW-067	62.30	133.13	P	LECOUTEUR 1973: 10130876		GRANODIORITE	CRETACEOUS	VEIN	GL	19.217	15.724	39.293	0.81823	2.04470
o 10131-001	NA (VEIN IN ANVIL BATHOLITH)	105/K/08/E:SW-047	62.42	133.21	D	JENNINGS: 78:NA:03-68M		GRANODIORITE	CRETACEOUS	VEIN	GL	19.188	15.696	39.245	0.81001	2.04529
o 10133-001	TING	116/B/07/E:SE-040	64.38	138.67	D	EATON: DDH:TH6-617M		SYENITE	CRETACEOUS	VEIN	GL	19.114	15.677	38.918	0.82018	2.03610
o 10135-001	NORQUEST FIRTREE	105/H/08/W:SE-024	61.42	128.42	B	JAGO		CARBONATE	HADR -CAMB: CRET RELATED	SKARN	GL	19.426	15.734	39.537	0.80995	2.03526
o 10135-002	NORQUEST FIRTREE	105/H/08/W:SE-024	61.42	128.42	B	JAGO		CARBONATE	HADR -CAMB: CRET RELATED	SKARN	GL	19.421	15.777	39.584	0.81237	2.03821
o 10135-AVG	NORQUEST FIRTREE (N=2)	105/H/08/W:SE-024	61.42	128.42	B	JAGO		CARBONATE	HADR -CAMB: CRET RELATED	SKARN	GL	19.423	15.755	39.561	0.81115	2.03681
o 10137-001	LADY DI	105/K/13/W:NW-086	62.81	133.63	R	NEWTON: RIOCANAX		KALSAS FM: CHERT, SILTSTONE, LIMESTONE	DEVONIAN?	SKARN OR STRATIFORM	GL	19.024	15.686	39.043	0.82506	2.05230
o 10137-002	LADY DI	105/K/13/W:NW-086	62.81	133.63	R	NEWTON: RIOCANAX		KALSAS FM: CHERT, SILTSTONE, LIMESTONE	DEVONIAN?	SKARN OR STRATIFORM	GL	19.028	15.673	39.063	0.82368	2.05292
o 10137-003	LADY DI	105/K/13/W:NW-086	62.81	133.63	L	MANN		KALSAS FM: CHERT, SILTSTONE, LIMESTONE	DEVONIAN?	SKARN OR STRATIFORM	GL	19.044	15.707	39.072	0.82477	2.05167
o 10138-001	MOUNT HUNDERE (N SHOW)	105/A/10/W:NE-006	60.52	128.88	J	HAMILTON 1982: H-81-12		PHYLLITE	CAMB -ORDV: CRET RELATED	SKARN	GL	19.399	15.714	39.421	0.81004	2.03212
o 10138-002	MOUNT HUNDERE (N SHOW)	105/A/10/W:NE-006	60.52	128.88	J	HAMILTON 1982: H-81-18		PHYLLITE	CAMB -ORDV: CRET RELATED	SKARN	GL	19.348	15.695	39.243	0.81119	2.02827
o 10138-501	MOUNT HUNDERE (S SHOW)	105/A/10/W:NE-006	60.52	128.88	KUO & FOLINSBEE 1974: 10116001			PHYLLITE	CAMB -ORDV: CRET RELATED	SKARN	GL	19.450	15.784	39.563	0.81203	2.03409
o 10138-AVG	MOUNT HUNDERE (N SHOW, N=2)	105/A/10/W:NE-006	60.52	128.88	C	GODWIN		PHYLLITE	CAMB -ORDV: CRET RELATED	SKARN	GL	19.374	15.705	39.332	0.81062	2.03014
o 10141-001	JOLLY	106/C/13/E:NE-083	64.79	133.90	D	EATON		DOLOMITE	HELIKIAN	VEIN	GL	16.468	15.444	36.133	0.93782	2.19413
o 10152-001	FYIQ	095/E/03/W:SW-009	61.23	127.40	ARCHER CATHRO			SEKWI & ROAD RIVER FMS	MIDDLE ORDOVICIAN?	VEINLET IN SKARN	GL	19.024	15.694	39.093	0.82496	2.05493
o 10153-001	CHU	095/D/13/E/NW-004	60.80	127.30	ARCHER CATHRO			LIMY PHYLLITE	PROTEROZOIC	SKARN	GL	18.417	15.670	38.495	0.85084	2.09019
c 10156-001	MCARTHUR (KALSAS MOUNTAIN)	105/L/14/W:NW-019	62.92	135.27	M	ARCHAMBAULT: ANACONDA		FAHN GP: ARGILLITE	EARLY CARBONIFEROUS	STRATIFORM, SEDEX	GL	18.608	15.667	38.650	0.84195	2.07708
c 10165-001	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	[illegible]	MARKE: DDH 9-A-B		ARGILLITE	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.681	15.673	38.627	0.83901	2.06772

c 10165-0021	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	D	HAWKE: DDH 14-385	TUFF, ARGILLITE	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.708	15.701	38.752	0.83924	2.07138
c 10165-002R	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	D	HAWKE: DDH 14-385	TUFF, ARGILLITE	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.695	15.684	38.674	0.83893	2.06869
c 10165-003	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	D	HAWKE: DDH 18-351	TUFF, ARGILLITE	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.688	15.674	38.648	0.83869	2.06803
c 10165-004	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	D	HAWKE: DDH 18-624	ARGILLITE, MASSIVE SULPHIDE	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.689	15.676	38.652	0.83878	2.06816
c 10165-005	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	D	HAWKE: DDH 20-1093	ARGILLITE, MASSIVE SULPHIDE	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.682	15.675	38.640	0.83903	2.06826
c 10165-007	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	D	HAWKE: DDH 25-400	ARGILLITE, CHERT	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.680	15.671	38.628	0.83888	2.06787
c 10165-AVG	CLEAR LAKE (N=6)	105/L/14/E:NW-017	62.79	135.16	D	HAWKE	TUFF, ARGILLITE	DEVONIAN -E CARBONIFEROUS	STRATIFORM	GL	18.686	15.676	38.645	0.83888	2.06812
c 10182-001	LONE MOUNTAIN	105/L/15/W:NE-	62.90	134.90	M	ARCHAMBAULT: ANACONDA	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	SEDEX	GL	19.624	15.691	38.996	0.79962	1.98719
c 10182-001D	LONE MOUNTAIN	105/L/15/W:NE-	62.90	134.90	M	ARCHAMBAULT: ANACONDA	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	SEDEX	GL	19.619	15.690	39.001	0.79973	1.98789
c 10182-001A	LONE MOUNTAIN (N=2)	105/L/15/W:NE-	62.90	134.90	M	ARCHAMBAULT: ANACONDA	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	SEDEX	GL	19.622	15.691	38.999	0.79967	1.98754
c 10183-001	CAVE (DROMEDARY MOUNTAIN)	105/L/14/W:NW-	62.91	135.35	M	ARCHAMBAULT: ANACONDA: G133	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	STRATABOUND, SEDEX	GL	18.674	15.674	38.670	0.83933	2.07078
c 10184-001	ONE HUMP (DROMEDARY MOUNTAIN)	105/L/15/E:NE-029	62.90	134.68	M	ARCHAMBAULT: ANACONDA	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	VEINED BRECCIA	GL	19.320	15.677	39.095	0.81144	2.02357
c 10184-002	ONE HUMP (DROMEDARY MOUNTAIN)	105/L/15/E:NE-029	62.90	134.68	M	ARCHAMBAULT: ANACONDA	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	VEINED BRECCIA?	GL	19.316	15.676	39.087	0.81153	2.02353
c 10184-AVG	ONE HUMP (DROMEDARY MT, N=2)	105/L/15/E:NE-029	62.90	134.68	M	ARCHAMBAULT: ANACONDA	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	VEINED BRECCIA	GL	19.318	15.677	39.091	0.81148	2.02355
c 10185-001	DROMEDARY MOUNTAIN	105/L/15/E:NE-	62.98	134.72	A	ANDREW	EARN GP: ARGILLITE	EARLY CARBONIFEROUS	BOULDER SHOWING	GL	18.880	15.668	38.894	0.83962	2.07361
o 20076-001	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN	STRATIFORM SEDEX	GL	18.769	15.737	38.956	0.83846	2.07555
o 20076-002	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN	STRATIFORM SEDEX	GL	18.814	15.671	39.465	0.83294	2.09764
o 20076-003	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN	STRATIFORM SEDEX	GL	18.840	15.730	38.878	0.83493	2.06359
o 20076-V-1	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-1: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN	STRATIFORM SEDEX	GL	18.876	15.674	39.191	0.83037	2.07623
o 20076-V-2	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-2: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN	STRATIFORM SEDEX	GL	18.880	15.690	39.279	0.83104	2.08046
o 20076-V-3	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-3: GODWIN & SINCLAIR 1982	DOLOMITE	DEVONIAN	STRATIFORM SEDEX	GL	18.868	15.670	39.279	0.83051	2.08178
o 20076-V-4	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-4: GODWIN & SINCLAIR 1982	DOLOMITE	DEVONIAN	STRATIFORM SEDEX	GL	18.807	15.681	38.839	0.83378	2.06514
o 20076-V-5	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-5: GODWIN & SINCLAIR 1982	SHALE CHERT	DEVONIAN	STRATIFORM SEDEX	GL	18.859	15.723	38.977	0.83371	2.06676
o 20076-V-6	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-6: GODWIN & SINCLAIR 1982	DOLOMITE CHERT	DEVONIAN	STRATIFORM SEDEX	GL	18.842	15.725	39.195	0.83457	2.08019
o 20076-V-7	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-7: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN	STRATIFORM SEDEX	GL	18.868	15.729	39.011	0.83372	2.06779
o 20076-V-8	VULCAN	105/I/08/E:SE-	62.31	128.21	C	GODWIN: V-8: GODWIN & SINCLAIR 1982	SHALE CHERT	DEVONIAN	STRATIFORM SEDEX	GL	18.810	15.698	38.916	0.83445	2.06890
o 20076-AVG#	VULCAN (N=11)	105/I/08/E:SE-	62.31	128.21	C	GODWIN: GODWIN & SINCLAIR 1982	SHALE DOLOMITE	DEVONIAN	STRATIFORM SEDEX	GL	18.839	15.702	39.094	0.83348	2.07516
o 20077-001	MOUNT CHRISTIE	105/P/04/E:SW-	63.03	129.53	R	GARRET, GEOL SURV CAN: GODWIN, SINCLAIR & RYAN 1982	GRANITIC?	CRETACEOUS?	VEIN	GL	19.611	15.708	39.093	0.80098	1.99342
o 20078-001	O'GRADY	105/I/15/W:NW-	62.92	128.04	R	GARRET, GEOL SURV CAN: GODWIN, SINCLAIR & RYAN 1982	GRANITIC?	CRETACEOUS?	VEIN	GL	19.192	15.684	39.239	0.81722	2.04455

o 20086-501	MOD (LOCATION APPROXIMATE)	105/I/11/W:NW-	62.80	129.50	KUO & FOLINSBEE 1974: 10119001	UNKNOWN	UNKNOWN: CRET RELATED?	UNKNOWN	GL	19.700	15.861	39.298	0.80513	1.99482
o 30079-001	BOYA	094/M/03/W:SW-021	59.25	127.49	C GODWIN: G79BY-001, ASARCO	QUARTZ MONZONITE PORPHYRY	CRETACEOUS?	VEIN?	GL	19.560	15.710	39.689	0.80317	2.02909
o 30691-001	ALCOCK	094/F/11/W:NE-015	57.67	125.42	C GODWIN: G78AK-001: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.984	15.764	39.561	0.83038	2.08391
o 30692-001	CIRQUE	094/F/11/E:NE-008	57.52	125.12	C GODWIN: G78CI-001: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.795	15.689	39.166	0.83474	2.08385
o 30693-001	DRIFTPILE (CREEK)	094/K/04/W:SW-086	58.07	125.92	C GODWIN: G78DC-001: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.864	15.666	39.093	0.83047	2.07236
o 30693-002	DRIFTPILE (N TRENCH)	094/K/04/W:SW-056	58.07	125.92	C GODWIN: G78DC-002: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.860	15.686	39.202	0.83171	2.07858
o 30693-003	DRIFTPILE (S CAMP)	094/K/04/W:SW-056	58.07	125.92	C GODWIN: G78DC-003: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.852	15.655	39.043	0.83042	2.07103
o 30693-AVG	DRIFTPILE (N=3)	094/K/04/W:SW-056	58.07	125.92	C GODWIN	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.859	15.669	39.113	0.83085	2.07397
o 30694-001	ELF	094/F/07/E:SE-011	57.32	124.72	C GODWIN: G78EF-001: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.834	15.661	39.310	0.83153	2.08718
o 30695-001	FLUKE	094/F/07/W:SE-009	57.42	124.87	C GODWIN: G78FK-001: GODWIN & SINCLAIR 1982	SHALE	DEVONIAN -E CARBONIFEROUS	STRATIFORM SEDEX	GL	18.848	15.714	39.477	0.83381	2.09471
o 30696-001	PIE (FLOAT)	094/F/07/W:SE-	57.45	124.78	C GODWIN: G78PI-001: GODWIN & SINCLAIR 1982	LIMESTONE SHALE	MID DEVONIAN	STRATIFORM? SEDEX?	GL	18.868	15.739	39.526	0.83328	2.09265
o 30697-001	ROUGH (SHEAR ZONE)	094/L/08/E:SE-011	58.27	126.17	C GODWIN: G79RG-001: GODWIN & SINCLAIR 1982	LIMESTONE	CAMBRIAN -ORDOVICIAN	STRATABOUND?	GL	18.709	15.617	38.548	0.83473	2.06040

TABLE 5.5F.
Location, References, Host Units, and Deposit Type for Samples in the Foreland Belt.
(Abbreviations are given on page 38, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	SAMPLE SOURCE	HOST DESCRIPTION	HOST AGE	DEP TYPE	MT	PB6/4	PB7/4	PB8/4	PB7/6	PB8/6
o 10001-004	EG (CARNE)	106/C/14/E:NW-037	64.05	133.13	R CARNE, C GODWIN: GODWIN & SINCLAIR 1982	SHALE CARBONATE	HADRYNIAN	STRATABOUND STRATIFORM?	GL	17.933	15.587	37.841	0.86918	2.11013
o 10002-002	BILBO	116/G/07/E:SE-007	65.27	138.67	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	22.825	16.087	42.715	0.70480	1.87141
o 10005-001	KIWI	116/B/10/E:NE-086	64.75	138.75	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	19.205	15.728	39.565	0.81895	2.06014
o 10006-001	NEWT	106/D/11/W:NW-050	64.53	135.47	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	20.362	15.848	42.560	0.77831	2.09017
o 10008-002	HOT	116/A/13/W:NW-014	64.98	137.77	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	20.468	15.856	39.667	0.77467	1.93800
o 10010-017	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	G GIBSON: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.425	15.631	38.351	0.84836	2.08147
o 10010-020	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	G GIBSON: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.463	15.724	38.549	0.85165	2.08791
o 10010-027	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	G GIBSON: Z76: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.432	15.649	38.288	0.84901	2.07726
o 10010-045	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	G GIBSON: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.426	15.716	38.647	0.85293	2.09742
o 10010-AVG#	ECONOMIC (N=4)	106/B/06/E:SW-001	64.33	131.22	G GIBSON: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.437	15.680	38.459	0.85276	2.08837
o 10012-001	GILLESPIE	106/C/13/W:NW-003	64.83	133.77	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HADRYNIAN	STRATABOUND	GL	18.532	15.451	36.188	0.93461	2.18897
o 10013-002	UGLY (UG)	116/C/16/E:NE-075	64.87	140.03	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	17.096	15.542	36.729	0.90910	2.14840
o 10016-001	GREMLIN	106/E/02/E:SE-002	65.18	134.63	D EATON: GODWIN, SINCLAIR & RYAN 1982	CONGLOMERATE SANDSTONE	HELIKIAN	STRATABOUND? CARBONATITE?	GL	19.477	15.692	39.208	0.80567	2.01304
o 10020-100	TART	116/B/13/W:NW-083	64.83	139.83	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	16.805	15.446	38.410	0.91913	2.28563
o 10023-001	DEM	116/B/13/W:NW-094	64.75	139.80	C GODWIN	SHALE	HELIKIAN	STRATIFORM? SEDEX?	GL	18.823	15.670	38.618	0.83249	2.06226
o 10026-001	VUG	116/A/09/W:NE-016	64.57	136.28	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	16.283	15.417	36.019	0.94682	2.21206
o 10032-AVG	KOTANELEE (N=2)	095/C/01/E:SE-	60.13	124.15	MORROW & CUMMING 1982: PAN AM OIL WELL	NAHANNI FM: DOLOSTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	20.716	15.899	41.097	0.76747	1.98383
o 10037-048	OZ	116/B/12/W:NW-064	64.75	139.75	R CARNE: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	16.274	15.411	35.907	0.94687	2.20640
o 10038-015	MONSTER	116/B/13/W:NW-082	64.82	139.97	R CARNE: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	16.264	15.416	35.030	0.94786	2.15384
o 10038-100	MONSTER	116/B/13/W:NW-082	64.82	139.97	R CARNE: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	16.857	15.478	36.597	0.91819	2.17103
o 10038-AVG	MONSTER (N=2)	116/B/13/W:NW-082	64.82	139.97	R CARNE: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HELIKIAN	STRATABOUND	GL	16.560	15.447	35.814	0.93279	2.18268
o 10040-003	TUKU (ALI)	106/E/14/W:NW-015	65.97	135.42	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.071	15.674	38.321	0.86736	2.12058
o 10042-014	PROFEIT (DOC)	106/C/13/E:NW-035	64.82	133.05	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	HADRYNIAN	STRATABOUND	GL	19.182	15.671	39.566	0.81696	2.06266
o 10051-001	CHLOE (MACMILLAN)	106/E/02/E:SE-003	65.20	134.68	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	SHALE	HELIKIAN	STRATIFORM? SEDEX?	GL	18.694	15.703	38.680	0.84000	2.06911
c 10051-003	CHLOE (MACMILLAN)	106/E/02/E:SE-003	65.20	134.68	P SEVENSMA: SKYLINE EXPLORATION	QUARTET FM: BASAL SEQUENCE	HELIKIAN	STRATIFORM?	GL	18.680	15.687	38.622	0.83978	2.06756
o 10052-002	MEL	095/D/06/W:SW-002	60.35	127.42	C GODWIN	PHYLLITE CARBONATE	CAMBRIAN -ORDOVICIAN	STRATABOUND	GL	18.652	15.779	39.940	0.84597	2.14133

o 10052-005	MEL	095/D/06/W:SW-002	60.35	127.42	C GODWIN	PHYLLITE CARBONATE	CAMBRIAN -ORDOVICIAN	STRATABOUND	GL	18.649	15.667	38.595	0.84010	2.05955
o 10052-AVG	MEL (N=2)	095/D/06/W:SW-002	60.35	127.42	C GODWIN	PHYLLITE CARBONATE	CAMBRIAN -ORDOVICIAN	STRATABOUND	GL	18.651	15.723	39.267	0.84301	2.10536
o 10055-100	TARA	106/C/02/W:SE-066	64.20	132.98	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.817	15.748	38.571	0.83690	2.04980
o 10082-001	HART RIVER	116/A/10/W:NE-008	64.63	136.87	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	HELIKIAN	STRATIFORM SEDEX	GL	16.521	15.453	36.458	0.93536	2.20677
o 10082-100	HART RIVER	116/A/10/W:NE-008	64.63	136.87	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	HELIKIAN	STRATIFORM SEDEX	GL	16.517	15.457	36.290	0.93582	2.19713
o 10082-AVG	HART RIVER (N=2)	116/A/10/W:NE-008	64.63	136.87	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	HELIKIAN	STRATIFORM SEDEX	GL	16.519	15.455	36.374	0.93559	2.20195
o 10136-001	SNAKEHEAD (CORD)	106/D/16/E:NE-056	64.87	134.02	C SPENCE: GODWIN & SINCLAIR 1982	SHALE	HELIKIAN	STRATIFORM SEDEX	GL	16.284	15.435	35.940	0.94903	2.20979
o 10136-002	SNAKEHEAD (CORD)	106/D/16/E:NE-056	64.87	134.02	C SPENCE: GODWIN & SINCLAIR 1982	SHALE	HELIKIAN	STRATIFORM SEDEX	GL	16.286	15.453	35.954	0.94885	2.20828
o 10136-AVG	SNAKEHEAD (CORD) (N=2)	106/D/16/E:NE-056	64.87	134.02	C SPENCE: GODWIN & SINCLAIR 1982	SHALE	HELIKIAN	STRATIFORM SEDEX	GL	16.275	15.444	35.952	0.94894	2.20903
o 10139-001	BLENDE	106/D/07/E:SE-047	64.40	134.70	D EATON	DOLOMITE	HELIKIAN	STRATABOUND CARBONATE	GL	16.581	15.477	36.378	0.93342	2.19396
c 10157-002	FLAT CLAIMS	105/M/04/W:SW-	63.08	135.83	D HEBERLEIN & D EATON	CARBONATE	?	STRATABOUND, CARBONATE	GL	16.062	15.429	35.809	0.96057	2.22939
c 10178-101	RON	105/H/07/W:SE-026	61.45	128.49	K DAWSON: DY 593	CARBONATE	?	CARBONATE HOSTED	GL	19.371	15.721	39.413	0.81163	2.03462
o 20003-002	PALM	106/A/05/W:SW-	64.40	129.80	P TEGART: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.879	15.695	38.771	0.83135	2.05366
o 20008-001	PAM	105/P/11/E:NW-	63.52	129.12	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.758	15.733	39.902	0.83874	2.12720
o 20008-003	BACKBONE	105/P/14/E:NW-	63.85	129.17	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	LIMESTONE	DEVONIAN	STRATABOUND	GL	18.739	15.647	38.460	0.83500	2.05240
o 20009-002	WEATHER	105/P/14/W:NW-	63.97	129.28	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.761	15.700	38.574	0.83684	2.05607
o 20010-002	EMILY	105/P/11/E:NW-	63.87	129.12	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.697	15.761	39.923	0.84306	2.13549
o 20011-001	LAN	105/P/14/W:NW-	63.85	129.35	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	EARLY CAMBRIAN	STRATABOUND	GL	18.800	15.682	38.807	0.83488	2.06420
o 20012-008	TWITYA	106/A/03/W:SW-	64.03	129.27	M MCARTHUR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	18.691	15.652	38.564	0.83741	2.06324
o 20015-001	JIM	106/B/08/W:SE-	64.48	130.45	M MCARTHUR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	19.180	15.719	38.920	0.81955	2.02920
o 20016-001	TAP	105/P/14/E:NW-	63.95	129.13	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	ORDOVICIAN	STRATIFORM? SEDEX?	GL	18.440	15.885	38.511	0.84951	2.08845
o 20017-007	KEG (FLOAT)	105/P/14/E:NW-	64.00	129.23	C GODWIN: GODWIN & SINCLAIR 1982	SHALE	ORDOVICIAN?	STRATIFORM? SEDEX?	GL	18.907	15.741	39.088	0.83255	2.08728
o 20022-001	GUILD	106/B/09/E:NE-	64.63	130.10	M MCARTHUR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -DEVONIAN?	STRATABOUND	GL	18.798	15.680	38.761	0.83413	2.06197
o 20023-014	REV (MAIN)	106/A/03/W:SW-	64.13	129.33	M MCARTHUR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	18.782	15.675	38.537	0.83547	2.05399
o 20023-098	REV (WATERFALL)	106/A/03/W:SW-	64.13	129.33	M MCARTHUR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	18.747	15.662	38.498	0.83544	2.05355
o 20023-137	REV (CIRQUE)	106/A/03/W:SW-	64.13	129.33	M MCARTHUR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	18.767	15.653	38.509	0.83407	2.05195
o 20023-AVG	REV (N=3)	106/A/03/W:SW-	64.13	129.33	M MCARTHUR: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	ORDOVICIAN -SILURIAN	STRATABOUND	GL	18.759	15.663	38.515	0.83496	2.05315
o 20024-005	GAYNA	106/B/15/E:NE-	64.95	130.63	B NEWTON	DOLOMITE	HELIKIAN	STRATABOUND	GL	18.511	15.598	38.114	0.84263	2.05899
o 20024-020	GAYNA (TOP OF A)	106/B/15/E:NE-	64.95	130.63	J HARDY	DOLOMITE	HELIKIAN	STRATABOUND	GL	18.805	15.628	38.367	0.83106	2.04026
o 20024-021	GAYNA	106/B/15/E:NE-	64.95	130.63	J HARDY: DDHA8-11FT	DOLOMITE	HELIKIAN	STRATABOUND	GL	17.622	15.498	37.108	0.87947	2.10578
o 20024-022	GAYNA (C-SHOW)	106/B/15/E:NE-	64.95	130.63	J HARDY	DOLOMITE	HELIKIAN	STRATABOUND	GL	18.604	15.613	38.263	0.83923	2.05671

o 20024-003	GAYNA	106/B/15/E:NE-	64.95	130.63	J	HARDY: DDH77/104-574FT	DOLOMITE		HELIKIAN	STRATABOUND	GL	18.450	15.562	37.842	0.84347	2.05106
o 20024-004	GAYNA	106/B/15/E:NE-	64.95	130.63	J	HARDY: DDH77/114A-284FT	DOLOMITE		HELIKIAN	STRATABOUND	GL	18.901	15.649	38.488	0.82795	2.03629
o 20024-005	GAYNA	106/B/15/E:NE-	64.95	130.63	J	HARDY: DDH:77/132-115FT	DOLOMITE		HELIKIAN	STRATABOUND	GL	18.560	15.587	38.133	0.83982	2.05458
o 20024-006	GAYNA (EARLY MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	BRECCIATED DOLOMITE		HELIKIAN	STRATABOUND	GL	18.517	15.652	38.117	0.84528	2.05849
o 20024-007	GAYNA (EARLY MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	BRECCIATED DOLOMITE		HELIKIAN	STRATABOUND	GL	18.515	15.627	37.969	0.84402	2.05072
o 20024-028	GAYNA (EARLY MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	BRECCIATED DOLOMITE		HELIKIAN	STRATABOUND	GL	18.543	15.640	38.102	0.84345	2.05479
o 20024-029	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	BRECCIATED DOLOMITE		HELIKIAN	STRATABOUND	GL	18.442	15.634	38.000	0.84774	2.06051
o 20024-030	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	DOLOMITE		HELIKIAN	STRATABOUND	GL	19.432	15.708	39.038	0.80836	2.00895
o 20024-031	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	BRECCIATED DOLOMITE		HELIKIAN	STRATABOUND	GL	18.169	15.645	37.980	0.86108	2.08927
o 20024-034	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	BRECCIATED DOLOMITE		HELIKIAN	STRATABOUND	GL	18.684	15.659	38.294	0.83810	2.04956
o 20024-135	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	J	HARDY	BRECCIATED DOLOMITE		HELIKIAN	STRATABOUND	GL	18.698	15.685	38.348	0.83886	2.05091
o 20025-008	TEGART	106/B/09/E:NE-	64.53	130.17	P	TEGART: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		ORDOVICIAN -SILURIAN	STRATABOUND	GL	18.770	15.660	38.823	0.83538	2.06835
o 20027-001	CLIMAX	105/P/08/W:SE-	63.35	128.38	C	GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		CAMBRIAN	STRATABOUND	GL	19.660	15.770	39.924	0.80214	2.03072
o 20028-001	VIC	106/A/07/E:SE-	64.30	128.82	C	GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		HELIKIAN	STRATABOUND	GL	18.420	15.625	38.002	0.84848	2.06308
o 20029-002	SONNENDRUCKER	106/B/14/W:NW-	64.83	131.50	C	GODWIN: GODWIN & SINCLAIR 1982	SHALE		ORDOVICIAN -SILURIAN	STRATIFORM? SEDEX?	GL	18.477	15.637	38.683	0.84630	2.09358
o 20030-001	ZIE	106/B/14/W:NW-	64.87	131.48	C	GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		EARLY CAMBRIAN	STRATABOUND	GL	18.510	15.687	38.267	0.84749	2.08737
o 20034-007	KINO	106/A/05/E:SW-	64.37	129.73	C	GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		ORDOVICIAN -SILURIAN	STRATABOUND	GL	18.779	15.684	38.846	0.83519	2.08659
o 20047-001R	RIO	106/B/14/W:NE-	64.78	131.08	D	EATON:	DOLOMITE		EARLY CAMBRIAN	STRATABOUND	GL	19.523	15.676	39.302	0.80295	2.01311
o 20065-003	SHOWING (LOCATION APPROXIMATE)	106/B/14/W:NW-	65.00	131.30	A	MCARTHUR: GODWIN & SINCLAIR 1982	MARLSTONE		ORDOVICIAN -SILURIAN	STRATIFORM? SEDEX?	GL	18.586	15.739	38.983	0.84682	2.09744
o 20066-001	SHOWING (LOCATION APPROXIMATE)	106/B/07/W:SE-	64.40	130.80	M	MCARTHUR	SHALE		DEVONIAN -E CARBONIFEROUS	STRATIFORM?	GL	19.681	15.754	39.372	0.80047	2.00051
o 20066-003	SHOWING (LOCATION APPROXIMATE)	106/B/07/W:SE-	64.40	130.80	M	MCARTHUR	SHALE		DEVONIAN -E CARBONIFEROUS	STRATIFORM?	GL	19.227	15.690	38.914	0.81604	2.02393
o 20066-AVG	SHOWING (LOCATION APPROX, N=2)	106/B/07/W:SE-	64.40	130.80	M	MCARTHUR	SHALE		DEVONIAN -E CARBONIFEROUS	STRATIFORM?	GL	19.454	15.722	39.143	0.80816	2.01208
o 20066-007	SHOWING (LOCATION APPROXIMATE)	106/B/10/W:NE-	64.60	130.80	M	MCARTHUR: GODWIN & SINCLAIR 1982	MARLSTONE		ORDOVICIAN -SILURIAN	STRATIFORM? SEDEX?	GL	18.543	15.692	38.655	0.84625	2.06481
o 20072-001	SHOWING (LOCATION APPROXIMATE)	106/B/11/W:NW-	64.51	131.30	M	MCARTHUR	SHALE		CAMBRIAN	STRATIFORM? SEDEX?	GL	18.799	15.798	38.695	0.84038	2.05835
o 20073-001	MAJESTY	105/P/08/W:SE-	63.28	128.45	J	HARDY: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		HADRYNIAN -CAMBRIAN	STRATABOUND	GL	19.145	15.704	38.579	0.82027	2.01510
o 20073-002	MAJESTY	105/P/08/W:SE-	63.28	128.45	J	HARDY: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		HADRYNIAN -CAMBRIAN	STRATABOUND	GL	19.204	15.727	38.681	0.81894	2.02483
o 20073-AVG	MAJESTY (N=2)	105/P/08/W:SE-	63.28	128.45	J	HARDY: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		HADRYNIAN -CAMBRIAN	STRATABOUND	GL	19.174	15.716	38.730	0.81965	2.01992
o 20074-001	SHOWING	106/B/15/W:NE-	64.98	130.77	D	EATON	DOLOMITE		CAMBRIAN -ORDOVICIAN	STRATABOUND	GL	19.497	15.644	39.135	0.80238	2.00723
o 20074-001R	SHOWING	106/B/15/W:NE-	64.98	130.77	D	EATON	CARB		CAMBRIAN -ORDOVICIAN	STRATABOUND	GL	19.523	15.676	39.302	0.80295	2.01311
o 20074-001A	SHOWING (N=2)	106/B/15/W:NE-	64.98	130.77	D	EATON	DOLOMITE		CAMBRIAN -ORDOVICIAN	STRATABOUND	GL	19.510	15.660	39.218	0.80266	2.01015
o 20075-001	PINE POINT (K53)	085/G/11/E:NW-	61.07	114.50	C	GODWIN: K53 PIT: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE		DEVONIAN	STRATABOUND	GL	18.168	15.568	38.174	0.85689	2.10117

o 20075-002	PINE POINT (J69)	085/G/11/E:NW-	61.67	114.50	C GODWIN: J69 PIT: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.162	15.589	38.241	0.85833	2.10555
o 20075-003	PINE POINT (S65)	085/G/11/E:NW-	61.67	114.50	C GODWIN: S65 PIT: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.162	15.587	38.129	0.85822	2.09838
o 20075-100	PINE POINT	085/G/11/E:NW-	61.67	114.50	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.187	15.604	38.083	0.85798	2.09397
o 20075-504	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D04	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.310	15.800	0.000	0.86292	0.00000
o 20075-507	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D07	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.330	15.800	0.000	0.86198	0.00000
o 20075-508	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D08	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.360	15.840	38.710	0.86274	2.10839
o 20075-509	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D09	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.300	15.790	38.680	0.86284	2.11366
o 20075-510	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D10	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.250	15.750	0.000	0.86301	0.00000
o 20075-511	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D11	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.290	15.780	38.380	0.86167	2.09841
o 20075-69A	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D69A	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.300	15.770	38.630	0.86175	2.11093
o 20075-69B	PINE POINT	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON 1969: D69B	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.300	15.770	38.670	0.86175	2.11312
o 20075-7401	PINE POINT	085/G/11/E:NW-	61.67	114.50	RUSSELL & FARQUHAR 1960: 740	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.260	15.764	38.399	0.86331	2.10290
o 20075-8591	PINE POINT	085/G/11/E:NW-	61.67	114.50	RUSSELL & FARQUHAR 1960: 859	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.892	15.914	38.685	0.85138	2.09880
o 20075-AVG#	PINE POINT (N=4)	085/G/11/E:NW-	61.67	114.50	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.170	15.587	38.157	0.85784	2.10000
o 20075-AVG*	PINE POINT (N=10)	085/G/11/E:NW-	61.67	114.50	CUMMING & ROBERTSON, RUSSELL & FARQUHAR	DOLOMITE	DEVONIAN	STRATABOUND	GL	18.340	15.800	38.500	0.86150	2.09824
o 20080-AVG	CADILLAC	095/F/10/W:NE-	61.52	124.80	MORROW & CUMMING 1982	UNKNOWN	DEVONIAN?	VEIN STRATABOUND?	GL	19.019	15.663	39.026	0.82354	2.05195
o 20081-501	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.533	15.745	39.389	0.80607	2.01654
o 20081-502	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH873-5:195FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.755	15.795	39.728	0.79954	2.01104
o 20081-503	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH873-5:537FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.454	15.771	39.409	0.81088	2.02575
o 20081-504	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH873-5:648FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.625	15.781	39.548	0.80413	2.01508
o 20081-505	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH12-4:255FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.490	15.774	39.410	0.80934	2.02206
o 20081-506	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH12-4:349FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.565	15.785	39.502	0.80680	2.01901
o 20081-507	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH48-1:61FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.715	15.777	39.503	0.80025	2.00370
o 20081-508	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH48-1:94FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.723	15.803	39.722	0.80125	2.01399
o 20081-509	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH48-1:291FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.633	15.807	39.607	0.80512	2.01737
o 20081-510	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH48-1:375FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.489	15.771	39.404	0.80923	2.02186
o 20081-511	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH48-1:445FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.513	15.782	39.429	0.80879	2.02065
o 20081-512	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH36-4:28.5FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.516	15.785	39.475	0.80862	2.02270
o 20081-513	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH36-4:82.5FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.512	15.792	39.467	0.80935	2.02270
o 20081-514	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH76-1:25FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.422	15.763	39.292	0.81161	2.02307
o 20081-515	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: 1200 N, 25000E	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	20.236	15.871	40.212	0.78429	1.98715
o 20081-516	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	BOURNE: HAMMER SHOWING	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	20.089	15.860	40.067	0.78949	1.99447
o 20081-601	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH12-2:119.5FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	PY	19.123	15.668	38.625	0.81933	2.01962
o 20081-602	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH12-2:130.5FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	PY	19.034	15.670	38.789	0.82326	2.03788
o 20081-603	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH873-5:678FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	PY	19.764	15.701	39.383	0.73442	1.99266
o 20081-60A	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	BOURNE: DDH36-4:259FT	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	PY	19.516	15.591	37.400	0.79888	1.91638
o 20081-AVG#	WRIGLEY LOU (GL: N=16)	095/J/13/W:NW-	62.85	123.75	BOURNE	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	GL	19.641	15.791	39.573	0.80398	2.01482
o 20081-AVG*	WRIGLEY LOU (PY: N=4)	095/J/13/W:NW-	62.85	123.75	BOURNE	CARBONATE SHALE	MID DEVONIAN	STRATABOUND?	PY	19.359	15.658	38.549	0.80882	1.99127
c 20082-101	ARROW	105/I/15/W:NE-	62.91	128.61	K DAWSON: DY 1973	?	?	VEIN SKARN	GL	19.100	15.647	38.780	0.81924	2.03042
c 20083-101	GOLDEN RAM (loc approx)	105/I/06/	62.00	120.00	K DAWSON: DY 2010	?	?	UNKNOWN	GL	18.436	15.662	38.535	0.84956	2.09025

c 20087-001	ROY	095/E/12/W:NW-	61.62	127.67	ACNOMI:R10, K DAWSON: OY 1681A	LIMESTONE, SILTSTONE	CAMBRIAN	REPLACEMENT IN CARBONATE	GL	19.385	15.783	39.575	0.81315	2.04162
o 30407-001	SHAG (REDBED)	082/J/12/E:NW-002	50.63	115.50	C GODWIN: G79SJ-002	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	19.078	15.698	39.241	0.82273	2.05687
o 30407-002	SHAG (C-4)	082/J/12/E:NW-002	50.63	115.50	C GODWIN: G79SJ-002	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	19.248	15.757	39.718	0.81863	2.08349
o 30407-003	SHAG (PAD)	082/J/12/E:NW-002	50.63	115.50	C GODWIN: G79SJ-003	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	19.213	15.758	39.600	0.82017	2.08110
o 30407-004	SHAG (PAD)	082/J/12/E:NW-002	50.63	115.50	C GODWIN	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	19.148	15.714	39.447	0.82066	2.08011
o 30407-AVG	SHAG (N=4)	082/J/12/E:NW-002	50.63	115.50	C GODWIN	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	19.172	15.731	39.501	0.82052	2.08035
o 30410-001	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	C GODWIN: G79RB-001: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.181	15.872	41.049	0.78726	2.03808
o 30410-002	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	C GODWIN: G79RB-002: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.327	15.856	41.017	0.78005	2.01766
o 30410-003	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	C GODWIN: G79RB-003: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.310	15.851	40.983	0.78045	2.01837
o 30410-004	ROBB LAKE	094/B/13/W:NW-005	57.00	123.75	C GODWIN: G79RB-004: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.247	15.858	41.139	0.78323	2.03188
o 30410-005	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	C GODWIN	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.209	15.857	41.022	0.78485	2.02988
o 30410-007	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	C GODWIN	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.246	15.898	41.173	0.78529	2.03364
o 30410-008	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	C GODWIN	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.219	15.845	41.083	0.78387	2.03091
o 30410-501	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	MORROW & CUMMING 1982: ROBB-1	DOLOMITE	DEVONIAN	STRATABOUND	GL	19.979	15.795	40.710	0.79058	2.03764
o 30410-502	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	MORROW & CUMMING 1982: ROBB-2	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.029	15.804	40.763	0.78908	2.03520
o 30410-503	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	MORROW & CUMMING 1982: ROBB-3	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.073	15.810	40.848	0.78763	2.03502
o 30410-504	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	MORROW & CUMMING 1982: ROBB-4	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.190	15.827	41.052	0.78390	2.03328
o 30410-505	ROBB LAKE	094/B/13/W:NW-005	56.93	123.75	MORROW & CUMMING 1982: ROBB-5	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.114	15.813	40.869	0.78817	2.03187
o 30410-AVG#	ROBB LAKE (N=7)	094/B/13/W:NW-005	56.93	123.75	C GODWIN: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.246	15.863	41.085	0.78351	2.02830
o 30410-AVG*	ROBB LAKE (N=5)	094/B/13/W:NW-005	56.93	123.75	MORROW & CUMMING 1982	DOLOMITE	DEVONIAN	STRATABOUND	GL	20.077	15.810	40.849	0.78747	2.03462
o 30430-001	GOAT	094/K/04/E:SW-	58.20	125.55	P MATYSEK: ASARCO	CARBONATE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	18.701	15.658	38.499	0.83728	2.05868
o 30430-002	GOAT	094/K/04/E:SW-	58.20	125.55	P MATYSEK: ASARCO	CARBONATE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	18.652	15.614	38.354	0.83712	2.05629
o 30430-002R	GOAT	094/K/04/E:SW-	58.20	125.55	P MATYSEK: ASARCO	CARBONATE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	18.750	15.707	38.555	0.83771	2.05827
o 30430-002A	GOAT (N=2)	094/K/04/E:SW-	58.20	125.55	P MATYSEK: ASARCO	CARBONATE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	18.701	15.661	38.460	0.83742	2.05628
o 30430-AVG	GOAT (N=2)	094/K/04/E:SW-	58.20	125.55	P MATYSEK: ASARCO	CARBONATE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	18.701	15.660	38.469	0.83739	2.05708
o 30708-5011	BEATTON RIVER	094/G/02/E:SE-001	57.08	122.67	RUSSELL & FARQUHAR 1980: 5120100		DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	18.145	15.638	38.534	0.86184	2.12387
o 30710-AVG	MOUNT MCCUSKER (N=2)	094/G/04/W:SW-	57.09	123.95	MORROW & CUMMING 1982: AVERAGE	MUNCHO-MCCONNELL FM: DOLOSTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	20.215	15.859	41.207	0.78452	2.03844
o 30711-501	MOUNT BURDEN	094/B/04/E:SW-	56.17	123.43	MORROW & CUMMING 1982: MTB-001	STONE FM: LIMESTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	19.812	15.784	40.339	0.80481	2.05685
o 30711-502	MOUNT BURDEN	094/B/04/E:SW-	56.17	123.43	MORROW & CUMMING 1982: MTB-002	STONE FM: LIMESTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	19.549	15.773	40.256	0.80684	2.05924
o 30711-503	MOUNT BURDEN	094/B/04/E:SW-	56.17	123.43	MORROW & CUMMING 1982: MTB-003	STONE FM: LIMESTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	19.886	15.810	40.748	0.79503	2.04908
o 30711-AVG	MOUNT BURDEN (N=3)	094/B/04/E:SW-	56.17	123.43	MORROW & CUMMING 1982	STONE FM: LIMESTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	19.882	15.789	40.448	0.80220	2.05508
o 30712-501	POCO MAIN	094/B/03/W:SW-007	56.19	123.38	MORROW & CUMMING 1982	PINE POINT FM: DOLOSTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	20.085	15.837	41.011	0.78829	2.04301

o 30713-S02	POCO STONE	094/B/03/W:SW-008	56.16	123.30	MORROW & CUMMING 1982	PINE POINT FM: DOLOSTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	19.616	15.775	40.315	0.80419	2.05521
o 30714-S01A	RICHARDS CREEK (N=2)	094/G/12/W:NW-	57.55	123.97	MORROW & CUMMING 1982: RIC-001	STONE, DUNEDIN FMS: DOLOSTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	21.430	16.021	42.467	0.74760	1.98166
o 30714-S02	RICHARDS CREEK	094/G/12/W:NW-	57.55	123.97	MORROW & CUMMING 1982: RIC-002	STONE, DUNEDIN FMS: DOLOSTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	21.362	16.010	42.349	0.74946	1.98245
o 30714-AVG	RICHARDS CREEK (N=2)	094/G/12/W:NW-	57.55	123.97	MORROW & CUMMING 1982	STONE, DUNEDIN FMS: DOLOSTONE	DEVONIAN -E CARBONIFEROUS	STRATABOUND	GL	21.396	16.015	42.408	0.74850	1.98205
o 30715-001#	MONARCH	082/N/08/W:SE-019	51.41	116.44	C GODWIN: G79MZ-001: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	18.557	15.629	38.756	0.84222	2.08848
o 30715-S01!	MONARCH	082/N/08/W:SE-019	51.41	116.44	J BROWN: 390-212: BROWN 1982	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	19.370	16.280	40.300	0.84047	2.08054
o 30716-001#	KICKING HORSE	082/N/08/W:SE-020	51.42	116.44	C GODWIN: G78KH-001: GODWIN, SINCLAIR & RYAN 1982	DOLOMITE	MID CAMBRIAN	STRATABOUND	GL	18.558	15.697	38.857	0.84584	2.09381

TABLE 5.6

Table 5.6 is divided into tectonic elements. It contains full data and analytical information, with codes for information provided in Table 5.5. *Deposits are listed alphabetically within each belt.* Divisions of Table 5.6 are:

Table 5.6I	Insular Belt
Table 5.6C	Cascade Belt
Table 5.6N	Intermontane Belt
Table 5.6OW	Omineca (Pericratonic) West Belt
Table 5.6OE	Omineca East Belt
Table 5.6ON	Omineca North (Cassiar - Pelly) Belt
Table 5.6S	Selwyn Basin
Table 5.6F	Foreland Belt

Notes

1. Column 1 gives data status and normalization factors (Table 5.1) where:
   c = current normalization factor
   o = other normalization factors, variable reliability
2. Suffix codes used in Table 5.5 (*see* Table 5.3 for full list of codes available for use):
   XXXXX-XXX! = analyses suspected to be poor
   XXXXX-XXX$ = analysis renormalized--Sinclair (1964) to Reynolds and Sinclair (1971)
   XXXXX-XXX# = analyses used in plots, often averages
   XXXXX-XXX* = analyses flagged for special use such as comparisons or inclusion in average
   XXXXX-XXXA = average of repeats and duplicates for sample (to be used for plotting and for determination of averages for a given deposit)
   XXXXX-XXXD = duplicate analysis of sample using new chemical dissolution
   XXXXX-XXXR = analysis repeated from same chemical dissolution of sample
3. MAP = Map symbol derived from sample number, for maps.
4. AGE = Host Age (code).
5. DT = Deposit Type (code).
6. TEC = Tectonic Element (code).
7. RN = run number.
8. RUN:NORM = rundate, normalization date.
9. QL:T:B = run quality: temperature (degrees C): number of data blocks.
10. MT = material analysed:

AS = arsenopyrite	GL = galena
JS = jamesonite	CS = cerussite
PR = pyrrhotite	PM = pyromorphite
SL = sphalerite	PY = pyrite
	SX = sulphides, undifferentiated

11. PB6/4, PB7/4, PB8/4, PB7/6, and PB8/6 = $^{206}Pb/^{204}Pb$, $^{207}Pb/^{204}Pb$, $^{208}Pb/^{204}Pb$, $^{207}Pb/^{206}Pb$, and $^{208}Pb/^{206}Pb$, respectively.
    %6/4, %7/4, %8/4 = errors in $^{206}Pb/^{204}Pb$, $^{207}Pb/^{204}Pb$, and $^{208}Pb/^{204}Pb$, expressed as % standard deviation.

TABLE 5.6I.
Lead Isotope Data for Samples from Deposits in the Insular Belt.
(Abbreviations are given on page 114, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	MAP	AGE	DT	TEC	ANALYST	RUN:NORM	RN	QL:T:B	MT	PB6/4	%S/4	PB7/4	%T/4	PB8/4	%S/4	PB7/6	PB8/6
o 30704-001	ALPHA AND BETA	092/C/09/E:NE-039	48.73	124.09	704	J	S	I+J	B RYAN		1	FAIR:	GL	18.882	0.03	15.581	0.08	38.406	0.10	0.82518	2.03400
c 30814-001	BOB, BANKS ISLAND	103/G/08/E:SE-038	53.38	130.18	614	BER	V	I+K	J GABITES	12/28/84:	1	GOOD:	GL	18.592	0.02	15.558	0.01	38.188	0.02	0.83678	2.05397
										08/28/85		1150:09									
c 30814-100	BOB, BANKS ISLAND	103/G/08/E:SE-038	53.38	130.18	614	BER	V	I+K	J GABITES	07/10/85:	1	GOOD:	GL	18.587	0.03	15.552	0.03	38.187	0.03	0.83670	2.05445
										06/26/85		1200:10									
c 30814-AVG	BOB, BANKS ISLAND (N=2)	103/G/08/E:SE-038	53.38	130.18	614	BER	V	I+K	J GABITES			GOOD:	GL	18.590	0.03	15.555	0.03	38.188	0.03	0.83678	2.05421
o 30366-001	BON	092/L/07/E:SE-161	50.26	126.67	366	T	S	I+J	B RYAN		1	FAIR:	GL	18.587	0.06	15.526	0.10	38.086	0.16	0.83532	2.04807
o 30483-001	BROWN JUG	092/E/08/W:SE-016	49.47	126.42	483		V	I+R	A ANDREW			GOOD:	GL	18.957	0.00	15.614	0.00	38.551	0.02	0.82365	2.03350
c 50057-101	CAP	114/P/08/W:SE-	59.38	136.39	057	TL	-	IAX	J GABITES	10/31/85:	1	FAIR:	GL	18.761	0.05	15.542	0.04	38.101	0.02	0.82842	2.03081
										08/26/85		1200:10									
o 30486-001	COMICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.08	486	D-P	L	IWR	B RYAN		1	FAIR:	GL	18.648	0.03	15.581	0.08	38.278	0.13	0.83562	2.05277
o 30486-002	COMICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.08	486	D-P	L	IWR	B RYAN		1	FAIR:	GL	18.666	0.02	15.589	0.09	38.308	0.12	0.83515	2.05700
o 30486-003	COMICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.08	486	D-P	L	IWR	B RYAN		1	FAIR:	GL	18.702	0.07	15.546	0.17	38.086	0.37	0.83125	2.03847
o 30486-004	COMICHAN LAKE (LIVINGSTONE)	092/C/09/E:NE-015	48.70	124.08	486	D	L	IWR	A ANDREW			GOOD:	GL	18.987	0.00	15.598	0.01	38.556	0.02	0.82238	2.03279
o 30486-AVG	COMICHAN LAKE (LIVINGSTONE,N=3	092/C/09/E:NE-015	48.70	124.08	486	D-P	L	IWR	B RYAN		1	FAIR:	GL	18.671	0.04	15.572	0.11	38.253	0.20	0.83401	2.04875
o 30355-001	CREMA LAKE	092/F/05/E:SW-220	49.49	125.54	355	D	V	I+R	B RYAN		1	FAIR:	GL	19.171	0.04	15.565	0.08	38.796	0.11	0.81295	2.02368
o 10099-001	CUB CREEK (FLOAT)	115/B/16/E:NE-	60.90	138.14	099	?	L	IWR	B RYAN		1	FAIR:	GL	19.609	0.08	15.683	0.15	39.814	0.13	0.79979	2.03039
o 10099-002	CUB CREEK (FLOAT)	115/B/16/E:NE-	60.90	138.14	099	?	L	IWR	B RYAN		1	FAIR:	GL	18.797	0.05	15.564	0.15	38.389	0.11	0.82907	2.04123
o 50005-S01	DRENCHWATER, ALASKA	147/A/10/E:NE-	68.58	158.71	005	BE	L	I	U S GEOL SURV		1	GOOD:	GL	18.428	0.00	15.609	0.00	38.351	0.00	0.84703	2.08113
o 30323-001	FANDORA	092/F/04/E:SW-041	49.24	125.68	323	R	V	I+R	B RYAN		1	FAIR:	GL	18.856	0.07	15.526	0.11	38.290	0.11	0.82340	2.03085
o 30323-002	FANDORA	092/F/04/E:SW-041	49.24	125.68	323	R	V	I+R	A ANDREW	01/20/83	1	GOOD:	GL	18.850	0.02	15.558	0.03	38.394	0.11	0.82525	2.03682
o 30307-001	GIBSON GIRL	103/G/16/E:NE-002	53.93	130.15	307	?	L	IAX	B RYAN		1	FAIR:	GL	18.146	0.07	15.550	0.05	37.763	0.05	0.85694	2.08107
c 50056-101	GLACIER CREEK	114/P/08/W:SE-	59.40	136.39	056	TL	-	IAX	J GABITES	08/28/85:	1	GOOD:	GL	18.839	0.01	15.580	0.00	38.240	0.01	0.82701	2.02981
										06/26/85		1150:07									
c 50056-102	GLACIER CREEK (MAIN)	114/P/08/W:SE-	59.40	136.39	056	TL	-	IAX	J GABITES	08/23/85:	1	GOOD:	GL	18.816	0.01	15.564	0.00	38.243	0.01	0.82823	2.03252
										06/26/85		1150:11									
c 50056-AVG	GLACIER CREEK (N=2)	114/P/08/W:SE-	59.40	136.39	056	TL	-	IAX	J GABITES			GOOD:	GL	18.827	0.01	15.562	0.00	38.242	0.01	0.82727	2.03116
o 30313-001	GOLDEN EAGLE	092/F/02/E:SE-080	49.11	124.59	313	D	V	I+R	B RYAN		1	FAIR:	GL	19.007	0.08	15.621	0.15	38.577	0.20	0.82186	2.02962
o 30313-002	GOLDEN EAGLE	092/F/02/E:SE-080	49.11	124.59	313	D	V	I+R	A ANDREW	01/23/83	1	GOOD:	GL	18.809	0.01	15.624	0.01	38.639	0.01	0.83067	2.05428
c 30808-001	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.54	808	T	X	IAX	J GABITES	05/23/85:	1	GOOD:	GL	18.651	0.01	15.571	0.01	38.114	0.01	0.83487	2.04354
										06/26/85		1150:12									
c 30808-001R	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.54	808	T	X	IAX	J GABITES	06/26/85:	2	GOOD:	GL	18.646	0.00	15.569	0.00	38.101	0.00	0.83497	2.04340
										06/26/85		1150:12									
c 30808-001A	GRIZZLY HEIGHTS (N=2)	114/P/07/E:SE-068	59.35	136.54	808	T	X	IAX	J GABITES			GOOD:	GL	18.649	0.01	15.570	0.01	38.108	0.01	0.83492	2.04347
c 30808-002	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.54	808	T	X	IAX	J GABITES	05/23/85:	1	GOOD:	GL	18.661	0.01	15.591	0.01	38.173	0.01	0.83550	2.04556
										06/26/85		1150:12									
c 30808-002R	GRIZZLY HEIGHTS	114/P/07/E:SE-068	59.35	136.54	808	T	X	IAX	J GABITES	06/26/85:	2	FAIR:	GL	18.676	0.03	15.599	0.03	38.203	0.05	0.83523	2.04557
										06/26/85		1150:08									
c 30808-002A	GRIZZLY HEIGHTS (N=2)	114/P/07/E:SE-068	59.35	136.54	808	T	X	IAX	J GABITES			GOOD /FAIR	GL	18.669	0.02	15.595	0.02	38.187	0.03	0.83536	2.04558
o 30701-001	IRON CLAD	092/B/13/E:NW-049	48.85	123.68	701	D-P	L	IWR	B RYAN		1	FAIR:	GL	18.682	0.08	15.581	0.15	38.304	0.20	0.83401	2.05032
o 30699-001	ISLAND COPPER	092/L/11/W:NW-158	50.60	127.47	699	J	P	I+J	A ANDREW			GOOD:	GL	18.527	0.01	15.555	0.01	38.088	0.02	0.83959	2.05581
o 30700-001	JAS	092/B/13/W:NW-	48.94	123.76	700		V	IWR	A ANDREW			GOOD:	GL	18.725	0.00	15.584	0.00	38.283	0.01	0.83226	2.04449
o 30480-001	JOE AND ANDY	092/L/02/E:SE-	50.22	126.53	480		S	IWR	A ANDREW	12/23/82	1	GOOD:	GL	18.404	0.03	15.538	0.02	38.045	0.01	0.84416	2.06721
c 30613-001	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	613	BER	V	I+K	J GABITES	12/28/84:	1	FAIR:	GL	18.570	0.06	15.531	0.06	38.093	0.07	0.83632	2.05128
										06/26/85		1150:09									
c 30613-001R	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	613	BER	V	I+K	J GABITES	03/07/85:	2	FAIR:	GL	18.589	0.04	15.566	0.02	38.182	0.05	0.83738	2.05399
										60/26/85		1150:09									
c 30613-001R	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	613	BER	V	I+K	J GABITES	03/21/85:	3	FAIR:	GL	18.579	0.01	15.555	0.01	38.159	0.02	0.83727	2.05395
										06/26/85		1150:12									
c 30613-001A	KIM, BANKS ISLAND (N=3)	103/G/08/E:SE-038	53.37	130.13	613	BER	V	I+K	J GABITES			FAIR:	GL	18.579	0.03	15.551	0.03	38.145	0.05	0.83699	2.05307
c 30613-100	KIM, BANKS ISLAND	103/G/08/E:SE-038	53.37	130.13	613	BER	V	I+K	J GABITES	07/10/85:	1	GOOD:	GL	18.604	0.01	15.565	0.01	38.205	0.01	0.83662	2.05204
										06/26/85		1200:08									

o	5000Y-007	LA PELOUSE, ALASKA	114/I/10/W:NE-	58.60	136.93	006	R	M	I+R	B RYAN			1	FAIR:	SX	19.277	0.10	15.638	0.24	38.883	0.22	0.81123	2.01707
o	5000 -887	LA PELOUSE, ALASKA	114/I/10/W:NE-	58.60	136.93	006	R	M	I+R	B RYAN			1	FAIR:	SX	18.810	0.40	15.610	0.50	38.810	0.60	0.82988	2.06326
o	5000Y-AVG	LA PELOUSE, ALASKA (N=2)	114/I/10/W:NE-	58.60	136.93	006	R	M	I+R	B RYAN				FAIR:	SX	19.044	0.25	15.624	0.37	38.847	0.41	0.82042	2.03986
o	3031 -001	LONE STAR (REY ORO)	092/L/02/W:SE-015	50.02	126.79	317	R	V	I+R	B RYAN	04/18/80	1		FAIR:	GL	18.940	0.08	15.569	0.08	38.445	0.15	0.82202	2.02983
o	30 001R	LONE STAR (REY ORO)	092/L/02/W:SE-015	50.02	126.79	317	R	V	I+R	B RYAN	05/02/80	2		FAIR:	GL	18.950	0.10	15.571	0.16	38.378	0.13	0.82169	2.02522
o	3031 001A	LONE STAR (REY ORO) (N=2)	092/L/02/W:SE-015	50.02	126.76	317	R	V	I+R	B RYAN			1	FAIR:	GL	18.945	0.09	15.570	0.14	38.411	0.14	0.82185	2.02753
o	30317-002	LONE STAR (REY ORO)	092/L/02/W:SE-015	50.05	126.79	317	R	V	I+R	A ANDREW			1	GOOD:	GL	18.979	0.00	15.601	0.00	38.551	0.02	0.82201	2.03125
c	3088 -101	LOW HERBERT	114/P/07/E:SE-084	59.36	136.50	886	TL	*	IAX	J GABITES	11/07/85:	1		GOOD:	GL	18.796	0.02	15.583	0.01	38.248	0.03	0.82906	2.03487
											06/26/85			1150:06									
o	30334-001	LUCKY STRIKE	092/L/02/W:SE-030	50.06	126.84	334	J	V	I+R	B RYAN			1	FAIR:	GL	18.827	0.05	15.532	0.08	38.405	0.14	0.82498	2.03989
c	30463-002	MAID OF ERIN	114/P/10/E:NE-007	59.55	136.58	463	P	S	IAX	J GABITES	08/23/84:	1		GOOD:	GL	19.130	0.04	15.605	0.02	38.484	0.04	0.81575	2.01169
											06/26/85			1150:08									
c	30463-003	MAID OF ERIN	114/P/10/E:NE-007	59.55	136.58	463	P	S	IAX	J GABITES	08/16/84:	1		GOOD:	GL	19.139	0.01	15.607	0.01	38.498	0.02	0.81545	2.01149
											06/26/85			1150:10									
c	30463-003D	MAID OF ERIN	114/P/10/E:NE-007	59.55	136.58	463	P	S	IAX	J GABITES	09/07/84:	1		GOOD:	GL	19.140	0.02	15.607	0.02	38.506	0.02	0.81541	2.01176
											06/26/85			1150:13									
c	30463-003A	MAID OF ERIN (N=2)	114/P/10/E:SE-007	59.55	136.58	463	P	S	IAX	J GABITES				GOOD:	GL	19.140	0.02	15.607	0.02	38.502	0.02	0.81543	2.01163
c	30463-004	MAID OF ERIN	114/P/10/E:NE-007	59.55	136.58	463	P	S	IAX	J GABITES	08/23/84:	1		GOOD:	GL	19.122	0.01	15.586	0.01	38.434	0.02	0.81506	2.00989
											06/26/85			1150:10									
o	50008-001	MARGARIE GLACIER, ALASKA	114/P/03/E:SW-	59.02	137.07	008	R	#	I+R	B RYAN			1	FAIR:	GL	19.038	0.05	15.579	0.11	38.586	0.13	0.81831	2.02679
o	30702-001	MOUNT SICKER (LENORA)	092/B/13/W:NW-001	48.87	123.78	702	D-P	L	IWR	B RYAN			1	FAIR	GL	18.534	0.04	15.538	0.13	38.216	0.08	0.83835	2.06194
o	30702-002	MOUNT SICKER (LENORA)	092/B/13/W:NW-001	48.87	123.78	702	D-P	L	IWR	B RYAN			1	FAIR:	GL	18.562	0.08	15.572	0.16	38.230	0.17	0.83892	2.05958
o	30702-003	MOUNT SICKER (TYEE)	092/B/13/W:NW-001	48.87	123.78	702	D-P	L	IWR	B RYAN			1	FAIR:	GL	18.558	0.08	15.577	0.15	38.123	0.19	0.83937	2.05426
o	30702-AVG#	MOUNT SICKER (LENORA) (N=2)	092/B/13/W:NW-001	48.87	123.78	702	D-P	L	IWR	B RYAN			1	FAIR:	GL	18.548	0.06	15.555	0.14	38.223	0.12	0.83864	2.06076
c	30809-001	MT HENRY CLAY (LOW JARVIS)	114/P/08/W:SE-071	59.40	136.49	809	TL	X	IAX	J GABITES	06/05/85:	1		GOOD:	GL	18.788	0.01	15.580	0.00	38.234	0.01	0.82927	2.03504
											06/26/85			1150:07									
c	30809-002	MT HENRY CLAY (LOW JARVIS)	114/P/08/W:SE-071	59.40	136.49	809	TL	X	IAX	J GABITES	06/05/85:	1		GOOD:	GL	18.777	0.02	15.581	0.01	38.215	0.03	0.82976	2.03520
											06/26/85			1200:07									
c	30809-AVG	MT HENRY CLAY (LOW JARVIS, N=2	114/P/07/W:SE-071	59.40	136.49	809	TL	X	IAX	J GABITES				GOOD:	GL	18.783	0.02	15.581	0.01	38.225	0.02	0.82951	2.03512
o	30335-001	NUTCRACKER	092/F/10/E:NE-359	49.74	124.59	335	T	V	IWR	B RYAN			1	FAIR:	GL	18.609	0.07	15.521	0.16	38.048	0.17	0.83406	2.04460
o	50020-001	ORANGE POINT, ALASKA	114/I/15/W:NE-	58.90	136.99	004	B-P	L	ICG	B RYAN			1	FAIR:	GL	18.294	0.09	15.520	0.12	37.967	0.15	0.84837	2.07538
o	50020-002	ORANGE POINT, ALASKA	114/I/15/W:NE-	58.90	136.99	004	B-P	L	ICG	B RYAN			1	FAIR	GL	18.321	0.11	15.613	0.20	37.961	0.16	0.85219	2.07199
o	50020-AVG	ORANGE POINT, ALASKA (N=2)	114/I/15/W:NE-	59.90	136.99	004	B-P	L	ICG	B RYAN			1	FAIR:	GL	18.308	0.10	15.566	0.06	37.964	0.11	0.85023	2.07363
o	30320-001	PEERLESS	092/L/02/W:SE-025	50.04	126.84	320	J	V	I+R	B RYAN	04/21/80	1		FAIR:	GL	18.986	0.06	15.560	0.16	38.453	0.14	0.81955	2.02533
o	30320-002	PEERLESS	092/L/02/W:SE-025	50.04	126.84	320	J	V	I+R	A ANDREW				GOOD:	GL	19.003	0.00	15.583	0.00	38.534	0.01	0.82003	2.02779
o	30349-001	PRIVATEER	092/L/02/W:SE-008	50.03	126.81	349	J	V	I+R	B RYAN			1	FAIR:	GL	19.011	0.08	15.581	0.17	38.505	0.14	0.81958	2.02541
o	30349-002	PRIVATEER	092/L/02/W:SE-008	50.03	126.81	349	J	V	I+R	A ANDREW				GOOD:	GL	18.983	0.00	15.601	0.01	38.560	0.02	0.82184	2.03129
o	50003-S01	RED DOG, ALASKA	147/C/02/W:SE-	68.07	162.83	003	BE	L	I	U S GEOL SURV			1	GOOD:	GL	18.414	0.00	15.602	0.00	38.254	0.00	0.84729	2.07744
o	50003-S02	RED DOG, ALASKA	147/C/02/W:SE-	68.07	162.83	003	BE	L	I	U S GEOL SURV			1	GOOD:	GL	18.409	0.00	15.598	0.00	38.238	0.00	0.84730	2.07714
o	50003-AVG	RED DOG, ALASKA (N=2)	147/C/02/W:SE-	68.07	162.83	003	BE	L	I	U S GEOL SURV			1	GOOD:	GL	18.411	0.00	15.600	0.00	38.246	0.00	0.84732	2.07735
c	30491-001	SHOWING	092/L/04/E:SW-	50.15	127.53	491	T	?	IWR	J GABITES	08/23/84:	1		GOOD:	GL	18.588	0.02	15.567	0.01	38.177	0.02	0.83751	2.05388
											06/26/85			1150:09									
o	30457-001	SHOWING (PORT ALBERNI, APPROX)	092/F/04/W:SW-	49.25	124.80	457		L	IWR	A ANDREW				GOOD:	GL	18.350	0.00	15.572	0.00	38.003	0.01	0.84861	2.07101
o	30490-001	SHOWING (SALMON ARM/SECHELT IN	092/F-G	49.00	124.00	490			IWR	A ANDREW	04/14/82	1		GOOD:	GL	18.444	0.02	15.511	0.02	37.889	0.05	0.84098	2.05427
o	30314-001	STARLIGHT	092/F/02/E:SE-216	49.05	124.71	314	T	V	IWR	B RYAN			1	FAIR:	GL	18.592	0.07	15.562	0.16	38.196	0.12	0.83703	2.05443
o	30314-002	STARLIGHT	092/F/02/E:SE-216	49.05	124.71	314	T	V	IWR	A ANDREW	01/20/83	1		FAIR:	GL	18.647	0.01	15.555	0.01	38.203	0.02	0.83418	2.04875
o	30705-001	SUNRO (JORDAN RIVER)	092/C/08/E:SE-073	48.44	124.04	705	R	M	ICR	B RYAN			1	FAIR:	SX	19.018	0.08	15.624	0.06	38.714	0.13	0.82154	2.03565
o	50007-001	TARR INLET KNOB, ALASKA	114/P/02/W:SW-	59.02	137.01	007	R	#	I+R	B RYAN			1	FAIR:	GL	19.024	0.08	15.564	0.17	38.439	0.26	0.81812	2.02055
c	30870-100	TEL, BANKS ISLAND	103/G/08/E:SE-039	53.37	130.16	870	PAZ	V	IAX	J GABITES	07/18/85:	1		GOOD:	PY	18.622	0.02	15.562	0.01	38.228	0.02	0.83567	2.05283
											06/26/85			1150:07									
c	30870-100D	TEL, BANKS ISLAND	103/G/08/E:SE-039	53.37	130.16	870	PAZ	V	IAX	J GABITES	08/28/85:	1		GOOD:	PY	18.607	0.02	15.560	0.01	38.214	0.02	0.83627	2.05378
											06/26/85			1150:09									
c	30870-100A	TEL, BANKS ISLAND (N=2)	103/G/08/E:SE-039	53.37	130.16	870	PAZ	V	IAX	J GABITES				GOOD:	PY	18.615	0.02	15.561	0.01	38.221	0.02	0.83597	2.05330
c	30870-102	TEL, BANKS ISLAND	103/G/08/E:SE-039	53.37	130.16	870	PAZ	S	IAX	J GABITES	09/29/86:	1		good:	GL	18.591	0.00	15.562	0.01	38.209	0.00	0.83706	2.05526
											06/26/85			1150:08									
o	10132-002	TELLURIDE	115/B/16/E:NE-007	60.90	138.22	132	?	L	IWR	B RYAN			1	FAIR:	GL	18.025	0.55	15.440	0.87	37.437	0.87	0.85659	2.07695
c	50004-001	US BOULDERADO, ALASKA	114/P/08/W:SE-	59.40	136.48	004	T	X	IAX	J GABITES	08/05/85:	1		GOOD:	GL	18.809	0.03	15.582	0.02	38.235	0.03	0.82841	2.03284
											06/26/85			1150:10									

o 30432-001	UTLUH CREEK	092/L/06/W:SW-	50.30	127.45	432	J	V	IWR	A	ANDREW		1	FAIR:	GL	18.576	0.00	15.555	0.00	38.195	0.00	0.83737	2.05515
o 30432-001R	UTLUH CREEK	092/L/06/W:SW-	50.30	127.45	432	J	V	IWR	A	ANDREW		2	FAIR:	GL	18.476	0.00	15.442	0.00	37.883	0.00	0.83579	2.05039
o 30432-001A	UTLUH CREEK (N=2)	092/L/06/W:SW-	50.30	127.45	432	J	V	IWR	A	ANDREW			FAIR:	GL	18.526	0.00	15.499	0.00	38.039	0.00	0.83661	2.05193
o 30315-001	VICTORIA	092/F/02/E:SE-079	49.18	124.66	315	R	V	I+R	B	RYAN		1	FAIR:	GL	18.828	0.04	15.646	0.08	38.733	0.08	0.83100	2.05720
o 30735-001	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	735	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.544	0.08	15.574	0.01	38.177	0.02	0.83984	2.05872
o 30735-002	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	735	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.573	0.01	15.573	0.01	38.186	0.02	0.83847	2.05599
o 30735-003	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	735	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.559	0.01	15.580	0.01	38.186	0.01	0.83949	2.05755
o 30735-003R	WESTMIN (HW)	092/F/12/E:NW-071	49.57	125.57	735	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.546	0.00	15.580	0.00	38.200	0.01	0.84007	2.05974
o 30735-003A	WESTMIN (HW) (N=2)	092/F/12/E:NW-071	49.57	125.57	735	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.553	0.00	15.580	0.00	38.193	0.01	0.83976	2.05859
o 30735-AVG	WESTMIN (HW) (N=3)	092/F/12/E:NW-071	49.57	125.57	735	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.557	0.12	15.577	0.00	38.187	0.01	0.83941	2.05782
o 30443-001	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.539	0.03	15.566	0.00	38.138	0.01	0.83984	2.05718
o 30443-002	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.614	0.01	15.585	0.01	38.494	0.03	0.83727	2.06801
o 30443-003	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.544	0.01	15.563	0.01	38.154	0.03	0.83925	2.05748
o 30443-003R	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.555	0.01	15.578	0.01	38.132	0.02	0.83945	2.05508
o 30443-003A	WESTMIN (LYNX) (N=2)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.544	0.01	15.569	0.01	38.143	0.02	0.83957	2.05689
o 30443-00A	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.551	0.00	15.554	0.00	38.129	0.02	0.83844	2.05538
o 30443-00AR	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.583	0.00	15.571	0.00	38.173	0.01	0.83982	2.05640
o 30443-00AA	WESTMIN (LYNX) (N=2)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.557	0.00	15.563	0.00	38.151	0.02	0.83886	2.05588
o 30443-005	WESTMIN (LYNX)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.554	0.00	15.561	0.00	38.147	0.01	0.83889	2.05600
o 30443-AVG	WESTMIN (LYNX) (N=5)	092/F/12/E:NW-071	49.58	125.61	443	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.549	0.00	15.565	0.01	38.147	0.02	0.83913	2.05655
o 30703-001	WESTMIN (MYRA)	092/F/12/E:NW-072	49.57	125.59	703	D-P	L	IWR	B	RYAN		1	FAIR:	GL	18.508	0.08	15.578	0.10	38.188	0.13	0.84183	2.06344
o 30703-002	WESTMIN (MYRA)	092/F/12/E:NW-072	49.57	125.59	703	D-P	L	IWR	B	RYAN		1	FAIR:	GL	18.488	0.06	15.554	0.15	38.089	0.09	0.84130	2.06020
o 30703-003	WESTMIN (MYRA)	092/F/12/E:NW-072	49.57	125.59	703	D-P	L	IWR	B	RYAN		1	FAIR:	GL	18.484	0.06	15.551	0.09	38.115	0.03	0.84132	2.06205
o 30703-00A	WESTMIN (MYRA)	092/F/12/E:NW-071	49.58	125.60	703	D-P	L	IWR	A	ANDREW		1	GOOD:	GL	18.480	0.01	15.555	0.01	38.089	0.02	0.84172	2.06001
o 30703-AVG	WESTMIN (MYRA) (N=4)	092/F/12/E:NW-072	49.57	125.59	703	D-P	L	IWR	B	RYAN		1	FAIR:	GL	18.493	0.08	15.561	0.13	38.130	0.10	0.84149	2.06190
o 30318-001	WHITE STAR	092/L/02/W:SE-010	50.03	126.81	318	R	V	I+R	B	RYAN	09/10/80	1	FAIR:	GL	18.866	0.10	15.499	0.14	38.245	0.15	0.82153	2.02719
o 30318-002	WHITE STAR	092/L/02/W:SE-010	50.03	126.81	318	R	V	I+R	A	ANDREW			GOOD:	GL	18.985	0.00	15.605	0.00	38.584	0.02	0.82198	2.03234
o 30319-001	WAW	092/F/02/W:SE-141	49.03	124.70	319		V	IWR	A	ANDREW			GOOD:	GL	18.903	0.00	15.577	0.00	38.533	0.01	0.82014	2.02880
o 30319-002	WAW	092/F/02/W:SE-141	49.03	124.70	319		V	IWR	A	ANDREW			GOOD:	GL	19.009	0.00	15.604	0.00	38.636	0.01	0.82087	2.03251
o 30484-001	ZEBALLOS (CENTRAL)	092/L/02/W:SE-018	50.03	126.78	484	R	V	I+R	A	ANDREW			GOOD:	GL	18.980	0.00	15.606	0.00	38.568	0.01	0.82223	2.03203
o 30484-002	ZEBALLOS (BRAGG)	092/L/02/W:SE-018	50.03	126.78	484	R	V	I+R	A	ANDREW			GOOD:	GL	19.005	0.00	15.611	0.01	38.588	0.02	0.82142	2.03041

TABLE 5.6C.

Lead Isotope Data for Samples from Deposits in the Cascade Belt.
(Abbreviations are given on page 114, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	MAP	AGE	DT	TEC	ANALYST	RUN:NORM	RN	QL:T:B	MT	PB6/4	%6/4	PB7/4	%7/4	PB8/4	%8/4	PB7/6	PB8/6
o 30606-001	BIG FOOT	092/H/05/W:SW-094	49.43	121.85	606	J	L	CNK	B RYAN		1	FAIR:	GL	18.494	0.07	15.525	0.11	38.030	0.14	0.83946	2.05634
o 30606-002	BIG FOOT	092/H/05/W:SW-094	49.43	121.85	606	J	L	CNK	B RYAN		1	FAIR:	GL	18.498	0.04	15.550	0.14	38.077	0.18	0.84072	2.05866
c 30606-003	BIG FOOT	092/H/05/W:SW-094	49.43	121.85	606	JM	L	CNK	J GABITES	01/18/85: 06/26/85	1	GOOD: 1150:08	GL	18.476	0.01	15.550	0.01	38.099	0.02	0.84168	2.06213
o 30606-AVG	BIG FOOT (N=2)	092/H/05/W:SW-094	49.43	121.85	606	J	L	CNK	B RYAN			FAIR:	GL	18.495	0.06	15.538	0.13	38.054	0.18	0.84002	2.05750
c 30000-001	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	000	P-T	V	CBR	C LEITCH	01/15/87: 06/26/85	1	good: 1170:13	GL	18.722	0.00	15.576	0.01	38.263	0.00	0.83197	2.04374
c 30000-002	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	000	P-T	V	CBR	C LEITCH	01/15/87: 06/26/85	1	good: 1200:18	GL	19.012	0.00	15.656	0.01	38.785	0.00	0.82346	2.04003
c 30000-002R	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	000	P-T	V	CBR	C LEITCH	04/08/87: 06/26/85	2	good: 1210:06	GL	19.016	0.00	15.657	0.00	38.787	0.00	0.82338	2.03974
c 30000-002D	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	000	P-T	V	CBR	C LEITCH	08/03/87: 06/26/85	1	good: 1180:18	GL	19.013	0.00	15.656	0.00	38.781	0.00	0.82343	2.03972
c 30000-002A	BRALORNE PIONEER (N=3)	092/J/15/W:NE-001	50.77	122.80	000	P-T	V	CBR	C LEITCH			good:	GL	19.014	0.00	15.656	0.00	38.784	0.00	0.82342	2.03982
c 30000-003	BRALORNE PIONEER	092/J/15/W:NE-001	50.77	122.80	000	P-T	V	CBR	C LEITCH	02/03/87: 06/26/85	1	good: 1150:07	GL	18.727	0.00	15.579	0.00	38.278	0.00	0.83188	2.04400
c 30000-004	BRALORNE (IDA MAY, BLACKBIRD)	092/J/15/W:NE-002	50.76	122.79	000	P-T	V	CBR	C LEITCH	02/03/87: 06/26/85	1	good: 1170:07	GL	18.652	0.01	15.526	0.04	38.082	0.01	0.83240	2.04170
o 30722-001	BRITANNIA (EAST BLUFF)	092/G/11/E:NW-036	49.61	123.14	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.531	0.10	15.573	0.18	38.097	0.10	0.84038	2.05685
o 30722-002	BRITANNIA (VICTORIA)	092/G/11/E:NW-003	49.60	123.13	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.459	0.09	15.556	0.17	37.952	0.22	0.84273	2.05602
o 30722-003	BRITANNIA (VICTORIA)	092/G/11/E:NW-003	49.60	123.13	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.524	0.05	15.579	0.11	38.121	0.11	0.84102	2.05332
o 30722-004	BRITANNIA (JANE)	092/G/11/E:NW-036	49.61	123.14	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.502	0.07	15.548	0.10	38.054	0.18	0.84034	2.05675
o 30722-005	BRITANNIA (BLUFF)	092/G/11/E:NW-036	49.61	123.14	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.484	0.07	15.521	0.14	38.035	0.13	0.83970	2.05773
o 30722-006	BRITANNIA (NO 5)	092/G/11/E:NW-036	49.61	123.14	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.544	0.08	15.591	0.17	38.145	0.13	0.84076	2.05700
o 30722-007	BRITANNIA (NO 8)	092/G/11/E:NW-036	49.61	123.14	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.502	0.09	15.568	0.16	38.092	0.17	0.84142	2.05880
o 30722-AVG#	BRITANNIA (N=7)	092/G/11/E:NW-036	49.61	123.14	722	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.507	0.08	15.562	0.15	38.085	0.16	0.84091	2.05793
c 30003-001	BRX (ARIZONA)	092/J/15/W:NE-024	50.84	122.84	003	TL	V	CBR	C LEITCH	01/27/87: 06/26/85	1	good: 1150:05	GL	18.998	0.00	15.634	0.01	38.681	0.00	0.82292	2.03607
o 30350-001	BRX (CALIFORNIA)	092/J/15/W:NE-020	50.83	122.83	350	J?	V	CBR	B RYAN	05/09/80:	1	FAIR:	GL	18.968	0.10	15.574	0.19	38.529	0.15	0.82107	2.03126
o 30433-001	CLOUD 1	092/H/05/W:SW-	49.38	121.90	433	JM	V	CNK	A ANDREW	12/31/81	1	GOOD:	GL	18.151	0.07	15.620	0.13	38.181	0.17	0.86056	2.10242
o 30729-001	CON	092/H/05/W:SW-	49.35	121.83	729	J	L	CNK	B RYAN		1	FAIR:	GL	18.482	0.07	15.563	0.14	38.043	0.17	0.84206	2.05838
c 30868-101	DOCTORS POINT (NAGY)	092/H/12/W:NW-071	49.64	121.98	868	KE	V	CNK	J GABITES	07/11/85: 06/26/85	1	GOOD: 1150:08	GL	18.785	0.04	15.570	0.03	38.313	0.05	0.82886	2.03953
c 30868-101D	DOCTORS POINT (NAGY)	092/H/12/W:NW-071	49.64	121.98	868	KE	V	CNK	J GABITES	10/31/85: 06/26/86	1	GOOD: 1150:09	GL	18.805	0.01	15.585	0.01	38.380	0.01	0.82881	2.04099
c 30868-101A	DOCTORS POINT (NAGY, N=2)	092/H/12/W:NW-071	49.64	121.98	868	KE	V	CNK	J GABITES			GOOD:	GL	18.795	0.03	15.577	0.02	38.347	0.03	0.82884	2.04026
o 30721-001	FITZSIMMONS CREEK	092/J/02/W:SE-013	50.12	122.93	721	J-K	L	CNK	B RYAN		1	FAIR:	GL	18.466	0.05	15.525	0.10	38.047	0.12	0.84073	2.06038
c 30961-001	GOLDEN SIDEWALK (BETA)	092/J/15/W:NE-015	50.86	122.64	961	TL	V	CBR	F GOUTIER	02/26/86: 06/26/85	1	FAIR: 1200:08	GL	18.916	0.13	15.594	0.11	38.694	0.14	0.82437	2.04552
c 30961-001R	GOLDEN SIDEWALK (BETA)	092/J/15/W:NE-015	50.86	122.64	961	TL	V	CBR	F GOUTIER	03/02/86: 06/26/85	2	GOOD: 1180:07	GL	18.925	0.16	15.608	0.16	38.578	0.18	0.82469	2.03830
c 30961-001A	GOLDEN SIDEWALK (BETA) (N=2)	092/J/15/W:NE-015	50.86	122.64	961	TL	V	CBR	F GOUTIER			GOOD: 1180:07	GL	18.920	0.15	15.601	0.13	38.635	0.15	0.82419	2.04190
c 30961-101	GOLDEN SIDEWALK (BETA)	092/J/15/W:NE-015	50.86	122.64	961	TL	V	CBR	J Gabites	12/10/86: 06/26/85	1	good: 1150:10	GL	18.932	0.00	15.608	0.01	38.570	0.00	0.82444	2.03735
c 30961-AVG	GOLDEN SIDEWALK (BETA) (N=2)	092/J/15/W:NE-015	50.86	122.64	961	TL	V	CBR	F GOUTIER, J GABITES			GOOD:	GL	18.926	0.07	15.605	0.07	38.602	0.07	0.82437	2.03983
c 30941-001	GREYROCK	092/J/15/E:NE-066	50.80	122.70	941	TL	V	CBR	F GOUTIER	02/26/86: 06/26/85	1	FAIR: 1180:07	GL	18.906	0.14	15.612	0.14	38.565	0.14	0.82575	2.03984
c 30941-001R	GREYROCK	092/J/15/E:NE-066	50.80	122.70	941	TL	V	CBR	F GOUTIER	03/02/86: 06/26/85	2	GOOD: 1180:07	GL	18.933	0.01	15.635	0.01	38.632	0.01	0.82581	2.04048
c 30941-001A	GREYROCK (N=2)	092/J/15/E:NE-066	50.00	122.70	941	TL	V	CBR	F GOUTIER			GOOD:	GL	18.920	0.01	15.624	0.01	38.599	0.01	0.82578	2.04018

c 30380-001	GULLY VEIN	092/J/15/W:NE-075	50.90	122.75	380	T	V	CBR	F GOUTIER	02/26/86: 1	GOOD:	GL 18.996 0.20 15.614 0.20 38.640 0.20 0.82197 2.03409
										06/26/85	1200:08	
c 30380-001R	GULLY VEIN	092/J/15/W:NE-075	50.90	122.75	380	T	V	CBR	F GOUTIER	03/02/86: 2	GOOD:	GL 18.998 0.06 15.606 0.06 38.628 0.06 0.82145 2.03320
										06/26/85	1180:08	
c 30380-001A	GULLY VEIN (N=2)	092/J/15/W:NE-075	50.90	122.75	380	T	V	CBR	F GOUTIER		GOOD:	GL 18.997 0.06 15.610 0.06 38.634 0.06 0.82171 2.03364
o 30458-001	IRON DUKE (LOC APPROXIMATE)	092/J/07/W:SE-	49.32	122.57	458	J-K	V	CMT	A ANDREW	01/09/82 1	GOOD:	GL 18.603 0.02 15.582 0.02 38.260 0.04 0.83761 2.05666
c 30622-001	JO	092/G/16/W:NE-	49.95	122.48	622	J-K	V	CNK	J GABITES	03/14/85: 1	GOOD:	GL 18.712 0.02 15.561 0.01 38.249 0.02 0.83163 2.04417
										06/26/85	1150:14	
c 30610-001	KELVIN	092/J/15/W:NE-	50.90	122.75	610	-TM	V	CBR	J GABITES	03/14/85: 1	GOOD:	GL 18.985 0.01 15.613 0.01 38.617 0.01 0.82237 2.03415
										06/26/85	1150:08	
o 30391-001	LUCKY JEM	092/J/15/W:NE-032	50.99	122.89	391	TL	V	CBR	B RYAN	01/23/81: 1	FAIR:	GL 18.545 0.04 15.871 0.07 38.126 0.14 0.84503 2.05586
o 30392-001	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	392	TL	V	CBR	B RYAN	09/30/80: 1	FAIR:	SL 18.944 0.03 15.589 0.09 38.488 0.07 0.82290 2.03167
o 30392-002	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	392	TL	V	CBR	B RYAN	11/20/80: 1	FAIR:	GL 18.875 0.03 15.561 0.06 38.377 0.10 0.82442 2.03322
o 30392-003	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	392	TL	V	CBR	B RYAN	01/24/81: 1	FAIR:	JS 18.919 0.07 15.598 0.15 38.534 0.15 0.82436 2.03679
o 30392-004	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	392	TL	V	CBR	B RYAN	01/30/81 1	FAIR:	GL 18.940 0.05 15.627 0.09 38.618 0.09 0.82508 2.03897
o 30392-004R1	LUCKY STRIKE	092/J/15/W:NE-045	50.98	122.86	392	TL	V	CBR	B RYAN	01/24/81: 2	POOR:	GL 18.939 0.11 15.615 0.17 38.476 0.19 0.82449 2.03158
o 30392-004A	LUCKY STRIKE (N=2)	092/J/15/W:NE-045	50.98	122.86	392	TL	V	CBR	B RYAN	01/30/81 1	FAIR:	GL 18.940 0.05 15.621 0.09 38.547 0.09 0.82476 2.03522
o 30392-AVG	LUCKY STRIKE (N=4)	092/J/15/W:NE-045	50.98	122.86	392	TL	V	CBR	B RYAN		FAIR:	GL 18.923 0.06 15.598 0.11 38.499 0.12 0.82429 2.03451
o 30724-001	LYNN CREEK	092/G/06/E:SW-003	49.42	123.06	724	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.474 0.04 15.529 0.07 38.028 0.19 0.84059 2.05846
c 30605-001	MAGGIE (WAR EAGLE)	092/G/11/E:NW-042	49.64	123.04	605	J-K	L	CNK	J GABITES	12/28/84: 1	FAIR:	GL 18.459 0.02 15.542 0.01 38.028 0.04 0.84198 2.06005
										06/26/85	1150:09	
c 30605-001R	MAGGIE (WAR EAGLE)	092/G/11/E:NW-042	49.64	123.04	605	J-K	L	CNK	J GABITES	03/07/85: 2	POOR:	GL 18.441 0.06 15.527 0.03 37.992 0.08 0.84198 2.06017
										06/26/85	1200:13	
c 30605-001R	MAGGIE (WAR EAGLE)	092/G/11/E:NW-042	49.64	126.04	605	J-K	L	CNK	J GABITES	03/21/85: 3	GOOD:	GL 18.450 0.02 15.532 0.02 37.975 0.02 0.84186 2.05830
										06/26/85	1150:10	
c 30605-001A	MAGGIE (WAR EAGLE) (N=3)	092/G/11/E:NW-042	49.64	123.04	605	J-K	L	CNK	J GABITES		GOOD	GL 18.456 0.03 15.536 0.02 38.022 0.04 0.84184 2.06020
											/POOR	
o 30605-005	MAGGIE (WAR EAGLE)	092/G/11/W:NW-	49.64	123.04	605	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.532 0.05 15.599 0.17 38.083 0.17 0.84173 2.05553
c 30621-001	MATSON	092/J/16/E:NE-126	50.77	122.21	621	T	V	CBR	J GABITES	03/14/85: 1	GOOD:	GL 18.831 0.01 15.591 0.00 38.423 0.01 0.82782 2.04038
										06/26/85	1150:13	
c 30621-001R1	MATSON	092/J/16/E:NE-126	50.77	122.21	621	T	V	CBR	J GABITES	04/18/85: 2	POOR:	GL 18.843 0.18 15.615 0.14 38.492 0.18 0.82869 2.04279
										06/26/85	1150:08	
c 30621-001D	MATSON	092/J/16/E:NE-126	50.77	122.21	621	T	V	CBR	J GABITES	04/22/85: 3	FAIR:	GL 18.832 0.03 15.588 0.02 38.422 0.05 0.82773 2.04025
										06/26/85	1150:08	
c 30621-001A	MATSON (N=2)	092/J/16/E:NE-126	50.77	122.21	621	T	V	CBR	J GABITES		GOOD	GL 18.832 0.02 15.590 0.01 38.423 0.03 0.82783 2.04032
											/FAIR	
o 30725-001	MCVICAR (RUTH)	092/G/11/E:NW-006	49.66	123.02	725	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.408 0.08 15.545 0.10 37.976 0.17 0.84447 2.08302
o 30725-002	MCVICAR (WHISTLER)	092/G/11/E:NW-006	49.66	123.02	725	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.467 0.07 15.549 0.17 38.058 0.15 0.84199 2.08087
o 30725-AVG	MCVICAR (RUTH, WHISTLER, N=2)	092/G/11/E:NW-006	49.66	123.02	725	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.438 0.08 15.547 0.14 38.017 0.17 0.84323 2.08194
o 30725-5011	MCVICAR	092/G/11/E:NW-006	49.66	123.02	725	J-K	L	CNK	RUSSELL AND	1	FAIR:	GL 18.743 0.00 16.005 0.00 38.661 0.00 0.85392 2.08269
									FAROUHAR			
c 30379-001	MINTO	092/J/15/W:NE-075	50.90	122.75	379	TL	V	CBR	F GOUTIER	02/26/86: 1	FAIR:	GL 19.077 0.04 15.649 0.03 38.775 0.05 0.82031 2.03257
										06/26/85	1180:08	
c 30379-001R	MINTO	092/J/15/W:NE-075	50.90	122.75	379	TL	V	CBR	F GOUTIER	03/02/86: 2	GOOD:	GL 19.048 0.01 15.621 0.01 38.678 0.01 0.82008 2.03054
										06/26/85	1180:06	
c 30379-001A	MINTO (N=2)	092/J/15/W:NE-075	50.90	122.75	379	TL	V	CBR	F GOUTIER		GOOD:	GL 19.063 0.01 15.635 0.02 38.727 0.03 0.82020 2.03155
c 30379-101	MINTO	092/J/15/W:NE-075	50.90	122.75	379	TL	V	CBR	J Gabites	12/08/86: 1	good:	GL 19.042 0.00 15.612 0.01 38.633 0.00 0.81986 2.02687
										06/26/85	1150:07	
o 30306-001	NIFTY	093/D/09/W:NE-006	52.58	126.41	306	J	L	CNK	B RYAN	1	FAIR:	GL 18.818 0.08 15.622 0.13 38.427 0.17 0.83016 2.04203
o 30726-001	NORTHAIR (MANIFOLD)	092/J/03/E:SW-	50.13	123.10	726	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.378 0.10 15.511 0.16 37.980 0.17 0.84400 2.08551
o 30726-002	NORTHAIR (DISCOVERY)	092/J/03/E:SW-	50.13	123.10	726	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.472 0.08 15.537 0.11 38.101 0.17 0.84111 2.08264
o 30726-003	NORTHAIR (WARMAN)	092/J/03/E:SW-012	50.13	123.10	726	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.441 0.10 15.517 0.18 38.034 0.20 0.84144 2.08247
o 30726-004	NORTHAIR (WARMAN)	092/J/03/E:SW-012	50.13	123.10	726	J-K	V	CNK	B RYAN	1	FAIR:	GL 18.429 0.05 15.527 0.12 38.012 0.09 0.84253 2.08262
o 30726-AVG	NORTHAIR (N=4)	092/J/03/E:SW-012	50.13	123.10	726	J-K	L	CNK	B RYAN	1	FAIR:	GL 18.430 0.08 15.523 0.14 38.027 0.16 0.84227 2.08331
c 30612-001	OLYMPIC	092/J/15/W:NE-092	50.92	122.73	612	-TM	V	CBR	J GABITES	03/14/85: 1	GOOD:	GL 18.988 0.01 15.616 0.00 38.611 0.05 0.82238 2.03341
										06/26/85	1180:08	
c 30612-102	OLYMPIC	092/J/15/W:NE-092	50.89	122.73	612	TL	V	CBR	J Gabites	12/10/86: 1	good:	GL 18.992 0.01 15.621 0.04 38.649 0.01 0.82248 2.03501
										06/26/85	1150:07	

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TABLE 5.6N.
Lead Isotope Data for Samples from Deposits in the Intermontane Belt.
(Abbreviations are given on page 114, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	MAP	AGE	DT	TEC	ANALYST	RUN:NORM	RN	QL:T:B	MT	PB6/4	%6/4	PB7/4	%7/4	PB8/4	%8/4	PB7/6	PB8/6
o 30328-001	ALAMEADA	092/I/07/E:SE-096	50.27	120.69	328	TL	S	NQN	B RYAN	04/11/80:	1	FAIR:	GL	18.923	0.07	15.602	0.13	38.545	0.19	0.82450	2.03694
o 30761-001	ASCOTT	093/L/15/E:NE-024	54.79	126.72	761	J	L	NST	B RYAN		1	FAIR:	GL	18.666	0.09	15.592	0.16	38.349	0.19	0.83532	2.05448
o 30753-001	ATLIN RUFFNER	104/N/12/E:NW-011	59.73	133.53	753	K	V	N+K	B RYAN		1	FAIR:	GL	19.066	0.05	15.599	0.14	38.580	0.16	0.81816	2.02350
o 30753-002	ATLIN RUFFNER	104/N/12/E:NW-011	59.73	133.53	753	K	V	N+K	B RYAN		1	FAIR:	GL	19.101	0.05	15.637	0.13	38.718	0.14	0.81865	2.02701
o 30753-4771	ATLIN RUFFNER	104/N/12/E:NW-011	59.73	133.53	753	K	V	N+K	RUSSELL AND FARQUHAR		1	POOR:	GL	19.177	0.00	15.729	0.00	38.886	0.00	0.82020	2.02774
o 30753-AVG	ATLIN RUFFNER (N=2)	104/N/12/E:NW-011	59.73	133.53	753	K	V	N+K	B RYAN		1	FAIR:	GL	19.084	0.05	15.618	0.13	38.649	0.10	0.81838	2.02520
c 30718-001	B.C. MOLYBDENUM (LIME CREEK)	103/P/06/W:SW-120	55.42	129.42	718	R	#	N+R	J GABITES	10/03/86:	1	GOOD:	GL	19.098	0.00	15.627	0.01	38.671	0.00	0.81828	2.02490
										06/26/85		1150:08									
o 30718-002	B.C. MOLYBDENUM	103/P/06/W:SW-120	55.42	129.42	718	R	#	N+K	B RYAN		1	FAIR:	GL	19.203	0.14	15.637	0.24	38.893	0.27	0.81430	2.02539
c 30718-002	B.C. MOLYBDENUM	103/P/06/W:SW-120	55.42	129.42	718	R	#	N+R	J GABITES	12/04/86:	1	GOOD:	GL	19.088	0.00	15.617	0.01	38.640	0.00	0.81817	2.02430
										06/26/85		1150:09									
c 30718-AVG	B.C. MOLYBDENUM (N=2)	103/P/06/W:SW-120	55.42	129.42	718	R	#	N+R	J GABITES		1	GOOD:	GL	19.093	0.00	15.622	0.01	38.656	0.00	0.81822	2.02460
c 30601-001	BAKER	094/E/06/E:SW-026	57.29	127.11	601	T	V	NST	J GABITES	03/21/85:	1	GOOD:	GL	18.773	0.02	15.600	0.01	38.327	0.02	0.83096	2.04160
										06/26/85		1150:07									
o 30765-001	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	765	JE	V	NST	B RYAN		1	FAIR:	GL	18.501	0.14	15.592	0.22	38.213	0.22	0.84276	2.06546
c 30765-002	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	765	JE	V	NST	J GABITES	09/22/86:	1	GOOD:	GL	19.153	0.00	15.616	0.01	38.608	0.00	0.81532	2.01578
										06/26/85		1150:19									
c 30765-003	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	765	JE	V	NST	J GABITES	09/30/86:	2	GOOD:	GL	19.151	0.00	15.623	0.01	38.633	0.00	0.81582	2.01732
										06/26/85		1150:08									
c 30765-004	BAYVIEW	103/P/13/W:NW-051	55.96	129.98	765	JE	V	NST	J GABITES	09/22/86:	1	GOOD:	GL	19.152	0.01	15.622	0.00	38.633	0.01	0.81570	2.01714
										06/26/85		1150:07									
c 30765-AVG	BAYVIEW (N=3)	103/P/13/W:NW-051	55.96	129.98	765	JE	V	NST	J GABITES			GOOD:	GL	19.152	0.01	15.620	0.01	38.625	0.01	0.81561	2.01675
o 30405-001	BERG	093/E/14/W:NW-046	53.79	127.42	405	R	#	N+R	B RYAN	00/00/80:	1	FAIR:	GL	19.026	0.03	15.621	0.12	38.559	0.08	0.82103	2.02665
c 30896-001	BERNICE (SWAKUM MT)	092/I/07/E:SE-102	50.27	120.70	896	?	V	NQN	J GABITES	12/02/85:	1	GOOD:	GL	18.858	0.01	15.599	0.01	38.454	0.01	0.82719	2.03920
										06/26/85		1200:16									
o 30415-001	BIG MISSOURI (CREEK)	104/B/01/E:SE-092	56.12	130.01	415	JE	L	NST	B RYAN	01/22/81:	1	FAIR:	GL	18.857	0.03	15.603	0.08	38.489	0.11	0.82744	2.04110
o 30415-002	BIG MISSOURI (CALCITE CUTS)	104/B/01/E:SE-046	56.11	130.03	415	JE	L	NST	B RYAN	01/22/81:	1	FAIR:	GL	18.857	0.10	15.645	0.16	38.474	0.15	0.82966	2.04030
o 30415-003	BIG MISSOURI (TERMINUS F/WALL)	104/B/01/E:SE-002	56.11	130.03	415	JE	L	NST	B RYAN	01/26/81:	1	FAIR:	GL	18.816	0.07	15.624	0.13	38.535	0.19	0.83036	2.04799
o 30415-004	BIG MISSOURI (PROVINCE)	104/B/01/E:SE-046	56.11	130.03	415	JE	L	NST	B RYAN	01/26/81:	1	FAIR:	GL	18.803	0.09	15.655	0.17	38.512	0.17	0.83258	2.04818
o 30415-005	BIG MISSOURI (PROVINCE W)	104/B/01/E:SE-046	56.11	130.03	415	JE	L	NST	B RYAN	01/26/81:	1	FAIR:	GL	18.780	0.05	15.642	0.09	38.530	0.10	0.83291	2.05165
c 30415-006	BIG MISSOURI (CREEK)	104/B/01/E:SE-092	56.12	130.01	415	JE	V	NST	J GABITES	10/18/84:	1	GOOD:	GL	18.820	0.02	15.615	0.02	38.456	0.02	0.82970	2.04332
										06/26/85		1100:07									
c 30415-007	BIG MISSOURI (TERMINUS)	104/B/01/E:SE-002	56.11	130.02	415	JE	V	NST	J GABITES	10/18/84:	1	GOOD:	GL	18.823	0.02	15.609	0.02	38.435	0.03	0.82927	2.04195
										06/26/85		1120:07									
c 30415-008	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	415	JE	V	NST	J GABITES	10/18/84:	1	GOOD:	GL	18.824	0.03	15.610	0.02	38.458	0.03	0.82928	2.04304
										06/26/85		1080:07									
c 30415-008R	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	415	JE	V	NST	J GABITES	11/22/84:	2	GOOD:	GL	18.822	0.01	15.611	0.01	38.453	0.02	0.82939	2.04300
										06/26/85		1150:08									
c 30415-008A	BIG MISSOURI (MARTHA ELLEN,N=2	104/B/01/E:SE-092	56.13	130.03	415	JE	V	NST	J GABITES			GOOD:	GL	18.823	0.02	15.611	0.02	38.456	0.03	0.82933	2.04302
c 30415-009	BIG MISSOURI (PROVINCE)	104/B/01/E:SE-046	56.13	130.03	415	JE	L	NST	J GABITES	10/10/86:	1	GOOD:	GL	18.812	0.00	15.592	0.02	38.373	0.00	0.82882	2.03986
										06/26/85		1150:07									
c 30415-009D	BIG MISSOURI (PROVINCE)	104/B/01/E:SE-046	56.13	130.03	415	JE	L	NST	J GABITES	06/11/87:	1	GOOD:	GL	18.835	0.00	15.615	0.00	38.450	0.00	0.82904	2.04139
										06/36/85		1200:07									
c 30415-009A	BIG MISSOURI (PROVINCE, N=2	104/B/01/E:SE-046	56.13	130.03	415	JE	L	NST	J GABITES			GOOD:	GL	18.824	0.00	15.604	0.00	38.412	0.00	0.82893	2.04042
o 30415-010!	BIG MISSOURI	104/B/01/E:SE-046	56.11	130.03	415	JE	L	NST	B RYAN		1	POOR:	GL	18.175	0.06	15.521	0.12	37.634	0.15	0.85396	2.07065
c 30415-011	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	415	JE	L	NST	J GABITES	01/30/87:	1	good:	GL	18.827	0.00	15.616	0.00	38.464	0.00	0.82945	2.04301
										06/26/85		1150:18									
c 30415-012	BIG MISSOURI (MARTHA ELLEN)	104/B/01/E:SE-092	56.13	130.03	415	JE	L	NST	J GABITES	02/05/87:	1	good:	GL	18.828	0.00	15.617	0.01	38.474	0.00	0.82949	2.04346
										06/26/85		1150:09									
o 30415-013	BIG MISSOURI (HERCULES, DUMAS)	104/B/01/E:SE-092	56.13	130.05	415	JE	V	NST	B RYAN		1	FAIR:	GL	18.753	0.07	15.634	0.13	39.057	0.17	0.83368	2.08271
c 30415-013	BIG MISSOURI (HERCULES, DUMAS)	104/B/01/E:SE-092	56.13	130.05	415	JE	V	NST	J GABITES	01/09/87:	1	good:	GL	18.734	0.00	15.612	0.02	38.990	0.00	0.83333	2.08127
										06/26/85		1200:11									

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o	30773-001	ESPERANZA	103/P/06/W:SW-126	55.49	129.49	773	J	V	NST	B	RYAN			1	FAIR:	GL	18.791	0.14	15.617	0.19	38.620	0.10	0.83109	2.05524
c	30773-001	ESPERANZA	103/P/06/W:SW-126	55.49	129.49	773	J	V	NST	J	GABITES	06/12/87:	2	GOOD:	GL	19.072	0.00	15.635	0.02	38.643	0.00	0.81979	2.02615
												06/26/85		1200:11										
o	30423-001	FEE	104/M/07/E:SE-037	59.48	134.58	423	K	V	N+K	A	ANDREW			1	FAIR:	GL	19.118	0.00	15.663	0.00	38.758	0.00	0.81928	2.02730
o	30423-001R	FEE	104/M/07/E:SE-037	59.48	134.58	423	K	V	N+K	A	ANDREW			2	FAIR:	GL	19.083	0.00	15.643	0.00	38.714	0.00	0.81973	2.02872
o	30423-001A	FEE (N=2)	104/M/07/E:SE-037	59.48	134.58	423	K	V	N+K	A	ANDREW			1	FAIR:	GL	19.101	0.00	15.653	0.00	38.736	0.00	0.81949	2.02796
c	30887-101	FRASERGOLD	093/A/07/E:SE-150	52.18	120.57	887	TL	V	NON	J	GABITES	11/10/85:	1	GOOD:	GL	18.758	0.01	15.644	0.01	38.611	0.01	0.83399	2.05841
												06/26/85		1150:12										
o	30471-001	FRIENDLY LAKE	092/P/09/W:NE-	51.36	120.28	471	T	L	NON	A	ANDREW	12/23/82	1	GOOD:	GL	18.677	0.01	15.622	0.03	38.045	0.01	0.83643	2.03700
c	30869-001	GABRIELLE	093/G/01/W:SE-	53.17	122.33	869	T/J	L	NON	J	GABITES	08/14/85:	1	GOOD:	GL	18.884	0.03	15.601	0.02	38.369	0.03	0.82614	2.03181
												06/26/85		1150:14										
o	30776-136!	GALENA	103/P/12/E:NW-208	55.74	129.52	776	J	V	NST	B	RYAN			1	FAIR:	SL	18.912	0.11	15.688	0.17	38.784	0.31	0.82953	2.05076
c	30776-136!	GALENA	103/P/12/E:NW-208	55.74	129.52	776	J	V	NST	J	GABITES	12/05/86:	1	GOOD:	SL	18.908	0.00	15.622	0.00	38.533	0.00	0.82622	2.03788
												06/26/85		1150:14										
c	30776-136R!	GALENA	103/P/12/E:NW-208	55.74	129.52	776	J	V	NST	J	GABITES	06/12/87:	2	GOOD:	SL	18.523	0.00	15.641	0.01	37.766	0.00	0.84442	2.03886
												06/26/85		120C:06										
o	30804-501	GOLDEN VIEW	104/N/06/W:SW-042	59.80	133.41	804	E	V	NCC	G	CUMMING FOR GSC	01/18/85:	1	GOOD:	GL	18.879	0.00	15.635	0.00	38.607	0.00	0.82817	2.04497
c	30775-001	GRANDUC	104/B/01/W:SE-021	56.21	130.33	775	TL	V	NST	J	GABITES	12/04/86:	1	GOOD:	SL	19.099	0.00	15.614	0.01	38.561	0.00	0.81754	2.01899
												06/26/85		1150:19										
c	30775-002	GRANDUC	104/B/01/W:SE-021	56.21	130.33	775	TL	V	NST	J	GABITES	01/09/87:	1	good:	GL	19.144	0.00	15.609	0.01	38.592	0.00	0.81532	2.01566
												06/26/85		1150:07										
o	30775-003	GRANDUC	104/B/01/W:SE-021	56.21	130.33	775	TL	L	NST	B	RYAN			1	FAIR:	GL	18.722	0.11	15.600	0.21	38.428	0.22	0.83324	2.05256
c	30775-003	GRANDUC	104/B/01/W:SE-021	56.21	130.33	775	TL	L	NST	J	GABITES	01/09/87:	1	GOOD:	GL	18.671	0.00	15.578	0.02	38.256	0.00	0.83438	2.04900
												06/26/85		1180:09										
c	30775-AVG	GRANDUC (N=2)	104/B/01/W:SE-021	56.21	130.33	775	TL	V	NST	J	GABITES			GOOD:	SL	19.122	0.00	15.612	0.01	38.574	0.00	0.81643	2.01742
o	30777-001	HIDDEN CREEK (ANYOX)	103/P/05/W:SW-021	55.44	129.81	777	TL	L	NST	B	RYAN		1	FAIR	GL	18.489	0.13	15.590	0.22	38.380	0.24	0.84320	2.07583
c	30777-001	HIDDEN CREEK (ANYOX)	103/P/05/W:SW-021	55.44	129.81	777	TL	L	NST	J	GABITES	12/05/86:	1	FAIR:	PY	19.310	0.03	15.866	0.88	39.245	0.14	0.82164	2.03237
												06/26/85		1220:12										
c	30777-001R	HIDDEN CREEK (ANYOX)	103/P/05/W:SW-021	55.44	129.81	777	TL	L	NST	J	GABITES	06/12/87:	2	FAIR:	PY	19.211	0.02	15.765	0.31	39.193	0.05	0.82061	2.04012
												06/26/85		1250:07										
c	30777-001A	HIDDEN CREEK (ANYOX, N=2)	103/P/05/W:SW-021	55.44	129.81	777	TL	L	NST	J	GABITES			FAIR:	PY	19.261	0.02	15.816	0.31	39.214	0.05	0.82113	2.03624
e	30E58-001	HORN SILVER	104/G/09/E:NE-059	57.73	130.23	558	J	V	NST	J	GABITES	05/C6/85:	1	GOOD:	GL	18.846	0.01	15.590	0.01	38.384	0.01	0.82721	2.03568
												06/26/85		1150:07										
c	30558-001R	HORN SILVER	104/G/09/E:NE-059	57.73	130.23	558	J	V	NST	J	GABITES	06/27/85:	2	GOOD:	GL	18.858	0.01	15.598	0.01	38.393	0.01	0.82712	2.03587
												06/26/85		1150:09										
e	30558-001A	HORN SILVER (N=2)	104/G/09/E:NE-059	57.73	130.23	558	J	V	NST	J	GABITES			GOOD:	GL	18.852	0.01	15.594	0.01	38.379	0.01	0.82720	2.03577
c	30939-001	INDIAN	104/B/01/E:SE-031	56.08	130.03	939	JE	V	NST	J	GABITES	10/18/84:	1	GOOD:	GL	19.150	0.02	15.625	0.01	38.665	0.03	0.81595	2.01909
												06/26/85		1080:08										
c	30939-002	INDIAN	104/B/01/E:SE-031	56.08	130.03	939	JE	V	NST	J	GABITES	10/26/84:	1	GOOD:	GL	19.159	0.02	15.621	0.02	38.650	0.02	0.81537	2.01736
												06/26/85		115C:09										
c	30939-AVG	INDIAN (N=2)	104/B/01/E:SE-031	56.08	130.03	939	JE	V	NST	J	GABITES			GOOD:	GL	19.155	0.02	15.623	0.02	38.658	0.03	0.81566	2.01823
o	30A56-001	IRON MOUNTAIN (LUCKY TODD)	092/I/02/W:SW-198	50.20	120.82	456	T	L	NON	A	ANDREW	01/09/83	1	GOOD:	GL	18.569	0.02	15.553	0.01	38.243	0.02	0.83758	2.05951
c	50055-001	JARVIS	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES	09/22/86:	1	GOOD:	GL	19.164	0.00	15.607	0.02	38.579	0.01	0.81439	2.01307
												06/26/85		1150:10										
c	50055-001D	JARVIS	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES	06/12/87:	1	GOOD:	GL	19.114	0.00	15.642	0.02	38.555	0.01	0.81835	2.01708
												06/26/85		1200:18										
c	50055-001A	JARVIS (N=2)	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES			GOOD:	GL	19.137	0.00	15.625	0.02	38.567	0.01	0.81637	2.01507
c	50055-002	JARVIS	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES	10/03/86:	1	GOOD:	GL	19.158	0.00	15.625	0.01	38.616	0.00	0.81556	2.01560
												06/26/85		1150:07										
c	50055-002R	JARVIS	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES	12/02/86:	2	FAIR:	GL	19.180	0.00	15.643	0.01	38.695	0.00	0.81561	2.01750
												06/26/85		1170:13										
c	50055-002A	JARVIS (N=2)	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES			GOOD/FAIR	GL	19.167	0.00	15.634	0.01	38.657	0.00	0.81558	2.01654
c	50055-003	JARVIS	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES	09/30/86:	1	GOOD:	GL	19.174	0.00	15.635	0.01	38.656	0.00	0.81545	2.01608
												06/26/85		1150:07										
c	50055-AVG	JARVIS (N=3)	103/O/16/E:NE-	55.99	130.07	055	JE	V	N+J	J	GABITES			GOOD:	GL	19.168	0.00	15.625	0.02	38.631	0.01	0.81514	2.01523
e	30814-001	JOHNNY MOUNTAIN (REG GROUP)	104/B/11/W:NW-107	56.62	131.07	814	JE	V	NST	J	GABITES	07/25/85:	1	GOOD:	GL	18.848	0.01	15.605	0.01	38.427	0.02	0.82797	2.03684
												06/26/85		1150:06										

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c 30720-001	PACKER FRACTION	104/B/01/E:SE-	56.11	130.02	720	J	V	N+R	J GABITES	
o 30720-001	PACKER FRACTION	104/B/01/E:SE-	56.11	130.02	720	R	V	N+R	B RYAN	
c 30473-001	PERIGRIN	104/I/07/W:SW-	58.28	128.98	473	T	V	NCC	J GABITES	
o 30758-038	POPLAR	093/L/02/W:SE-239	54.02	126.98	758	K	?	N+K	B RYAN	
c 30492-001	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	55.91	129.94	492	JE	V	NST	J GABITES	
c 30492-002	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	55.91	129.94	492	JE	V	NST	J GABITES	
c 30492-003	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	59.91	129.94	492	JE	V	NST	J GABITES	
c 30492-003R	PROSPERITY-PORTER IDAHO	103/P/13/W:NW-089	59.91	129.94	492	JE	V	NST	J GABITES	
c 30492-003A	PROSPERITY-PORTER IDAHO (N=2)	103/P/13/W:NW-089	55.91	129.94	492	JE	V	NST	J GABITES	
c 30492-AVG	PROSPERITY-PORTER IDAHO (N=3)	103/P/13/W:NW-089	55.91	129.94	492	JE	V	NST	J GABITES	
o 30717-001	RAF (BEAR RIVER)	103/P/13/W:NW-062	55.98	129.89	717	J/R	V	N+R	B RYAN	
o 10079-001	RAR	105/D/04/E:SW-105	60.20	135.73	079	R	S	N+R	B RYAN	
o 10079-002	RAR	105/D/04/E:SW-105	60.20	135.73	079	R	S	N+R	B RYAN	
o 10079-AVG	RAR (N=2)	105/D/04/E:SW-105	60.20	135.73	079	R	S	N+R	B RYAN	
c 30555-001	RED POINT (COPPER BELT)	103/P/12/E:NW-196	55.70	129.56	555	R/J	V	NST	J GABITES	
c 30555-001R	RED POINT (COPPER BELT)	103/P/12/E:NW-196	55.70	129.56	555	JE	V	NST	J GABITES	
c 30555-001A	RED POINT (COPPER BELT, N=2)	103/P/12/E:NW-196	55.70	129.56	555	JE	V	NST	J GABITES	
c 30058-001	RIVERSIDE	104/B/01/E:SE-073	56.00	130.07	058	JE	V	N+J	J GABITES	
c 30058-001R	RIVERSIDE	104/B/01/E:SE-073	56.00	130.07	058	JE	V	N+J	J GABITES	
c 30058-001A	RIVERSIDE (N=2)	104/B/01/E:SE-073	56.00	130.07	058	JE	V	N+J	J GABITES	
o 30339-001	ROCHER DE BOULE	093/M/04/E:SW-071	55.16	127.64	339	J	V	N+K	B RYAN	
o 30329-001	SAVONA GOLD MINE	092/P/02/W:SE-087	51.17	120.91	329	TL	V	NON	B RYAN	
c 30493-001	SCOTTIE GOLD	104/B/01/E:SE-074	56.22	130.09	493	JE	V	NST	J GABITES	
o 30381-001	SHOWING	104/N/11/W:NE-	59.71	133.40	381	K	?	N+K	B RYAN	
o 30382-001	SHOWING	104/N/11/W:NE-	59.71	133.40	382	K	?	N+K	B RYAN	
o 30388-001	SHOWING	093/L/14/W:NW-	54.76	127.47	388	J	X	NST	B RYAN	
o 30482-001	SHOWING (NR CRONIN BABINE)	093/L/15/W:NW-	54.93	126.84	482	K-R	L	NST	A ANDREW	
o 30494-001	SILBAK PREMIER (WEST)	104/B/01/E:SE-054	56.05	130.02	494	JE	L	NST	B RYAN	
o 30494-002	SILBAK PREMIER (1Q)	104/B/01/E:SE-054	56.05	130.02	494	JE	L	NST	B RYAN	
o 30494-003	SILBAK PREMIER (WEST)	104/B/01/E:SE-054	56.05	130.02	494	JE	L	NST	B RYAN	
o 30494-004I	SILBAK PREMIER	104/B/10/E:SE-054	56.05	130.02	494	JE	L	NST	B RYAN	
c 30494-004	SILBAK PREMIER	104/B/10/E:SE-054	56.05	130.02	494	JE	L	NST	J GABITES	
c 30494-005	SILBAK PREMIER (LESLEY CK BR)	104/B/01/E:SE-054	56.05	130.01	494	JE	V	NST	J GABITES	
c 30494-005D	SILBAK PREMIER (LESLEY CK BR)	104/B/01/E:SE-054	56.05	130.01	494	JE	V	NST	J GABITES	
c 30494-005A	SILBAK PREMIER (LESLEY CK,N=2)	104/B/01/E:SE-054	56.05	130.01	494	JE	V	NST	J GABITES	
c 30494-006	SILBAK PREMIER (GLORY HOLE)	104/B/01/E:SE-054	56.05	130.02	494	JE	L	NST	J GABITES	
c 30494-007	SILBAK PREMIER	104/B/01/E:SE-054	56.05	130.01	494	JE	V	NST	J GABITES	
c 30494-010	SILBAK PREMIER (NORTH LIGHTS)	104/B/01/E:SE-054	56.05	130.02	494	JE	V	NST	J GABITES	
c 30494-011	SILBAK PREMIER (NORTH LIGHTS)	104/E/01/E:SE-054	56.05	130.02	494	JE	V	NST	J GABITES	
c 30494-012	SILBAK PREMIER (2 LEVEL)	104/B/10/E:SE-054	56.05	130.02	494	JE	V	NST	J GABITES	

05/28/87: 1	good:	GL	19.177	0.00	15.629	0.00	38.661	0.00	0.81500	2.01601
08/26/85	1200:18									
1	FAIR:	GL	19.155	0.08	15.585	0.13	38.602	0.14	0.81363	2.06745
08/17/84: 1	GOOD:	GL	19.081	0.02	15.588	0.01	38.194	0.04	0.81778	2.00378
08/26/85	1150:09									
1	POOR:	GL	18.881	0.10	15.588	0.07	38.438	0.08	0.82647	2.03786
10/11/84: 1	GOOD:	GL	19.130	0.03	15.627	0.02	38.644	0.03	0.81687	2.02009
08/26/85	1150:07									
10/11/84: 1	GOOD:	GL	19.118	0.02	15.624	0.01	38.618	0.02	0.81732	2.02012
08/26/85	1150:08									
10/11/84: 1	GOOD:	GL	19.114	0.02	15.610	0.01	38.589	0.03	0.81687	2.01891
08/26/85	1150:08									
11/22/84: 2	GOOD:	GL	19.122	0.02	15.619	0.01	38.614	0.02	0.81677	2.01933
08/26/85	1150:08									
	GOOD:	GL	19.118	0.02	15.615	0.01	38.597	0.02	0.81686	2.01912
	GOOD:	GL	19.121	0.02	15.622	0.01	38.620	0.02	0.81697	2.01978
1	FAIR:	PY	19.231	0.05	15.629	0.09	38.712	0.12	0.81270	2.01300
1	FAIR:	GL	19.176	0.10	15.634	0.20	38.657	0.22	0.81529	2.02633
1	FAIR:	GL	19.151	0.09	15.737	0.14	39.327	0.15	0.82173	2.05352
	FAIR:	GL	19.164	0.10	15.686	0.18	39.082	0.19	0.81851	2.03887
12/27/84: 1	GOOD:	GL	18.814	0.02	15.608	0.02	38.394	0.02	0.82956	2.04087
08/26/85	1150:09									
03/07/85: 2	GOOD:	GL	18.824	0.01	15.612	0.00	38.327	0.02	0.82940	2.04142
08/26/85	1150:08									
	GOOD:	GL	18.819	0.02	15.610	0.01	38.361	0.02	0.82948	2.04108
09/29/86: 1	GOOD:	GL	19.191	0.00	15.656	0.02	38.726	0.01	0.81578	2.01786
08/26/85	1180:10									
12/01/87: 2	GOOD:	GL	19.160	0.01	15.621	0.02	38.594	0.01	0.81529	2.01433
08/26/85	1150:19									
	GOOD:	GL	19.178	0.00	15.639	0.02	38.610	0.02	0.81553	2.01605
05/08/80: 1	FAIR:	GL	18.935	0.08	15.563	0.12	38.381	0.14	0.82192	2.02699
05/02/80: 1	FAIR:	GL	18.597	0.09	15.568	0.16	38.203	0.16	0.83712	2.05426
10/18/84: 1	GOOD:	GL	18.804	0.02	15.608	0.01	38.426	0.02	0.83007	2.04352
08/26/85	1100:07									
08/10/80: 1	FAIR:	GL	19.068	0.07	15.623	0.17	38.747	0.09	0.81933	2.03204
08/11/80: 1	FAIR:	GL	19.067	0.05	15.634	0.12	38.805	0.00	0.81995	2.03519
10/23/80: 1	FAIR:	GL	18.558	0.04	15.573	0.09	38.192	0.07	0.83915	2.05798
12/28/82 1	GOOD:	GL	18.921	0.01	15.603	0.01	38.521	0.02	0.82464	2.03589
1	FAIR:	GL	18.825	0.08	15.577	0.12	38.357	0.13	0.82746	2.03756
1	FAIR:	GL	18.849	0.08	15.639	0.10	38.551	0.18	0.82970	2.04625
1	FAIR:	GL	18.839	0.05	15.632	0.11	38.475	0.12	0.82977	2.04231
1	POOR:	GL	18.787	0.08	15.594	0.19	38.494	0.08	0.83083	2.05115
08/11/87: 1	FAIR:	GL	18.833	0.00	15.611	0.02	38.450	0.01	0.82891	2.04187
08/25/85	1200:10									
10/10/86: 1	FAIR:	GL	19.229	0.01	15.758	0.04	38.251	0.01	0.81947	2.04122
08/26/85	1170:08									
05/28/87: 1	good:	GL	19.210	0.00	15.738	0.01	39.201	0.00	0.81923	2.04083
08/26/85	1170:05									
	good:	GL	19.220	0.00	15.748	0.05	39.320	0.00	0.81935	2.04580
02/05/87: 1	good:	GL	18.836	0.00	15.617	0.02	38.464	0.00	0.82907	2.04202
08/26/85	1150:10									
10/29/84: 1	GOOD:	GL	18.825	0.01	15.611	0.01	38.421	0.02	0.82926	2.04096
08/26/85	1150:09									
02/05/87: 1	good:	GL	18.817	0.00	15.602	0.01	38.382	0.00	0.82915	2.03973
08/26/85	1150:06									
04/02/87: 1	fair:	GL	18.838	0.00	15.612	0.02	38.421	0.00	0.82871	2.03952
08/26/85	1150:11									
04/13/87: 1	good:	GL	18.841	0.00	15.619	0.01	38.465	0.00	0.82901	2.04180
08/26/85	1170:07									

c 30494-013	SILBAK PREMIER (2 LEVEL)	104/B/01/E:SE-054	56.05	130.01	494	JE	L	NST	J GABITES			
c 30494-AV1	SILBAK PREMIER (N LIGHTS, N=2)	104/B/01/E:SE-054	56.05	130.02	494	JE	L	NST	J GABITES			
c 30494-AV2	SILBAK PREMIER (2 LEVEL, N=2)	104/B/10/E:SE-054	56.05	130.02	494	JE	L	NST	J GABITES			
o 30494-AVG	SILBAK PREMIER (N=3)	104/B/01/E:SE-054	56.05	130.02	494	JE	L	NST	B RYAN			
c 30494-AVG	SILBAK PREMIER (N=7)	104/B/10/E:SE-054	56.05	130.02	494	JE	L	NST	J GABITES			
o 30798-198	SILVER BELL (UNITED METALS)	103/P/08/W:NW-139	55.43	129.28	798	J	?	NST	B RYAN			
c 30798-198	SILVER BELL (UNITED METALS)	103/P/11/W:NW-139	55.43	129.28	798	J	?	NST	J GABITES			
o 30406-001	SILVER CREEK	064/E/08/E:SW-069	57.31	127.22	406	J	V	NST	B RYAN			
o 30408-001	SILVER STANDARD	093/M/05/E:SW-049	55.32	127.63	408	J	V	N+R	B RYAN			
o 30408-4531	SILVER STANDARD	093/M/05/E:SW-049	55.32	127.63	408	J	V	N+R	RUSSELL AND FARQUHAR			
o 30408-002	SILVER STANDARD (BLACK PRINCE)	093/M/05/E:SW-049	55.32	127.63	408	J	V	N+R	A ANDREW			
c 30766-001	SILVERADO	103/P/13/W:NW-088	55.92	129.98	766	JE	V	NST	J GABITES			
c 30766-001R	SILVERADO	103/P/13/W:NW-088	55.92	129.98	766	JE	V	NST	J GABITES			
c 30766-001A	SILVERADO (N=2)	103/P/13/W:NW-088	55.92	129.98	766	JE	V	NST	J GABITES			
c 30766-002	SILVERADO	103/P/13/W:NW-088	55.92	129.98	766	JE	V	NST	J GABITES			
c 30766-002R	SILVERADO	103/P/13/W:NW-088	55.92	129.98	766	JE	V	NST	J GABITES			
c 30766-002A	SILVERADO (N=2)	103/P/13/W:NW-088	55 92	129.98	766	JE	V	NST	J GABITES			
c 30766-AVG	SILVERADO (N=2)	103/P/13/W:NW-088	55.92	129.98	766	JE	V	NST	J GABITES			
c 30631-002	SNIPPAKER (INEL)	104/E/10/W:NE-113	56.62	131.95	631	J	V	NST	J GABITES			
c 30631-002R	SNIPPAKER (INEL)	104/B/10/W:NE-113	56.62	131.95	631	J	V	NST	J GABITES			
c 30631-002A	SNIPPAKER (INEL) (N=2)	104/B/10/W:NE-113	56.62	131.95	631	J	V	NST	J GABITES			
c 30631-003	SNIPPAKER (WOLVERINE)	104/B/10/W:NE-	56.62	131.99	631	J	V	NST	J GABITES			
c 30631-004	SNIPPAKER (BRONSON GLACIER)	1C4/B/1C/W:NE-	56.63	131.99	631	J	V	NST	J GABITES			
c 30891-002	SNIPPAKER (KHYBER-INEL BNDRY)	104/B/10/W:NE-138	56.60	131.97	891	J	V	NST	J GABITES			
c 30891-002R	SNIPPAKER (KHYBER-INEL BNDRY)	104/B/10/W:NE-138	56.60	131.97	891	J	V	NST	J GABITES			
c 30891-002D	SNIPPAKER (KHYBER-INEL BNDRY)	104/B/10/W:NE-138	56 60	131.97	891	J	V	NST	J GABITES			
c 30891-002A	SNIPPAKER (KHYBER-INEL) (N=3)	104/B/1C/W:NE-138	56.60	131.97	891	J	V	NST	J GABITES			
c 30829-001	SNIPPAKER (SERICITE RIDGE)	104/B/10/W:NE-116	56.57	131.87	629	J	V	NST	J GABITES			
c 30616-001	SPIDER ADITS	104/A/04/W:SW-010	56.13	129.99	616	JE	V	NST	J GABITES			
c 30923-001	START	104/B/01/E:SW-051	56.10	130.00	923	JE	V	NST	J GABITES			
c 30923-001R	START	104/B/01/E:SW-051	56.10	130.00	923	JE	V	NST	J GABITES			
c 30923-001A	START (N=2)	104/B/01/E:SW-051	56.10	130.00	923	JE	V	NST	J GABITES			
c 30923-002	START	104/B/01/E:SW-051	56.10	130.00	923	JE	V	NST	J GABITES			
c 30923-002R	START	104/E/01/E:SW-051	56.10	130.00	923	JE	V	NST	J GABITES			
c 30923-002A	START (N=2)	104/B/01/E:SW-051	56.10	130.00	923	JE	V	NST	J GABITES			
c 30923-003	START	104/B/01/E:SW-051	56.10	130.00	923	JE	V	NST	J GABITES			

04/13/87: 1	good:	GL	18.833	0.00	15.618	0.01	38.450	0.00	0.82930	2.04160
06/26/85	1200:07									
	FAIR/	GL	18.828	0.00	15.607	0.02	38.402	0.00	0.82893	2.03962
	GOOD									
	GOOD	GL	18.837	0.00	15.619	0.01	38.468	0.00	0.82916	2.04160
1	FAIR:	GL	18.838	0.60	15.616	0.11	38.461	0.14	0.82896	2.04167
	GOOD	GL	18.832	0.00	15.613	0.01	38.441	0.00	0 82907	2.04117
1	FAIR:	GL	18.858	0.07	15.671	0.14	38.503	0.25	0.83100	2.04173
05/29/87: 1	GOOD:	GL	18.818	0.01	15.603	C.10	38.415	0.02	0.82915	2.04137
06/26/85	1250:07									
1	FAIR:	GL	18.871	0.09	15.625	0.13	38.499	0.14	0.82799	2.04011
12/30/80: 1	FAIR:	GL	18.946	0 09	15.587	0.18	38.473	0.13	0.82323	2.03087
1	POOR:	GL	18.916	0.00	15.575	0.00	38.252	0.00	0.82338	2.02220
12/09/82: 1	GOOD:	GL	18.957	0.03	15.626	0.05	38.532	0.07	0.82429	2.03260
09/24/86: 1	GOOD:	GL	19.162	0.00	15.650	0.02	38.731	0.00	0.81669	2.02119
06/26/85	1180:18									
12/01/86: 2	GOOD:	GL	19.148	0.00	15.631	0.02	38.656	0.00	0.81634	2.01883
06/26/85	1150:12									
	GOOD:	GL	19.155	0.00	15.641	0.02	38.694	C.00	0.81651	2.02001
09/24/86: 1	GOOD:	GL	19.167	0.00	15.645	0.01	38.713	0.00	0.81623	2.01974
06/26/85	1150:18									
12/02/86: 2	GOOD:	GL	19.156	0.00	15.630	0.01	38.672	0.00	0.81595	2.01877
06/26/85	1170:07									
	GOOD:	GL	19.162	0.00	15.638	C.01	38.693	0.00	0.81609	2.01926
	GOOD:	GL	19.159	0.00	15.640	0.02	38.694	0.00	0.81617	2.01983
08/CE/85: 1	GOOD:	GL	19.146	0.01	15.616	0.01	38.584	0.01	0.81565	2.01524
06/26/85	1150:10									
08/19/85: 2	GOOD:	GL	19.155	0.03	15.624	0.01	38.614	0.01	0.81565	2.01588
06/26/85	1150:13									
	GOOC:	GL	19.151	0.02	15.620	0.01	38 599	0.01	0.81565	2.01556
08/08/85: 1	GOOD:	GL	18.812	0.01	5 614	0.00	38.441	0.01	0.83001	2.04342
06/26/85	1150:19									
08/08/85: 1	GOOD:	GL	18.806	0.04	15.599	0.04	38.419	0.04	0.82944	2.04285
06/26/85	1150:11									
08/07/85: 1	FAIR:	GL	18.862	0.04	15.630	0.04	38.526	0.05	0.82862	2.04250
06/26/85	1150:10									
08/29/85: 2	GOOD:	GL	18.842	0.01	15.611	0.01	38.448	0.01	0.82854	2 04057
06/26/85	115C:10									
06/15/87: 1	GOOD:	GL	18.846	0.00	15.611	0.01	38.470	C.00	0.82835	2.04126
06/26/85	1200:15									
	GOOD:	GL	18.850	0 03	15.617	0.03	38.481	0.03	0.82850	2 04144
08/08/85: 1	GOOD:	GL	18.857	0.03	15.610	0.02	38.456	0.02	0.82781	2.03938
06/26/85	1200:12									
10/03/86: 1	GOOD:	GL	19.085	0.05	15.609	0.05	38.590	0.01	0.81788	2.02202
06/26/85	1150:11									
09/30/86: 1	GOOD:	GL	19.150	0 00	15 654	0.02	38.749	0.00	0 81747	2.02347
06/26/85	1150:18									
12/11/86: 2	GOOD:	GL	19.132	0.00	15.629	0.01	38.642	0.00	0.81689	2.01981
06/26/85	1150:08									
	GOOD:	GL	19.141	0.00	15.642	0.02	38.696	C.00	0 81718	2.02164
10/01/86: 1	FAIR:	GL	19.159	0.01	15.663	0.23	38.719	0.04	0.81755	2.02099
06/26/85	1250:10									
12/11/86: 2	GOOD:	GL	19.134	0.00	15.641	0.01	38.683	0.00	0.81746	2.02176
06/26/85	1150:12									
	GOOD:	GL	19.142	0.00	15.648	0.02	38.716	0.00	0.81746	2.02201
01/10/86: 2	GOOD:	GL	19.114	0.00	15.621	0.01	38.629	0.00	0.81729	2.02101
06/26/85	115C:10									

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o 30797-001	UNUK RIVER (UNUK JUMBO)	104/B/08/W:SE-018	56.41	130.49	797	J	?	NST	B RYAN		1	FAIR:	GL	18.861	0.08	15.629	0.16	38.373	0.23	0.82864	2.03452
o 10108-001	VENUS	105/D/02/E:SE-005	60.02	134.64	108	K	V	N+R	B RYAN		1	FAIR:	GL	19.116	0.09	15.617	0.17	38.642	0.19	0.81698	2.02145
c 10108-002	VENUS	105/D/02/E:SE-005	60.02	134.64	108	K	V	N+K	J GABITES	12/08/86:	1	GOOD:	GL	19.082	0.00	15.610	0.03	38.630	0.01	0.81804	2.02446
										06/26/85		1150:11									
c 10108-003	VENUS	105/D/02/E:SE-005	60.02	134.64	108	K	V	N+K	J GABITES	04/02/87:	1	GOOD:	GL	19.100	0.00	15.635	0.01	38.692	0.00	0.81860	2.02577
										06/26/85		1150:13									
c 10108-004	VENUS	105/D/02/E:SE-005	60.02	134.64	108	K	V	N+K	J GABITES	04/02/87:	1	GOOD:	GL	19.102	0.00	15.641	0.01	38.716	0.00	0.81879	2.02673
										06/26/85		1150:09									
o 10108-501	VENUS	105/D/02/E:SE-005	60.02	134.63	108	K	V	N+R	B RYAN		1	POOR:	GL	19.142	0.00	15.694	0.00	38.791	0.00	0.81987	2.02649
o 10108-AVG	VENUS (N=2)	105/D/02/E:SE-005	60.02	134.64	108	K	V	N+K	B RYAN			FAIR:	GL	19.129	0.00	15.655	0.00	38.716	0.00	0.81839	2.02394
c 10108-AVG	VENUS (N=3)	105/D/02/E:SE-005	60.02	134.64	108	K	V	N+K	J GABITES			GOOD:	GL	19.095	0.00	15.629	0.02	38.683	0.01	0.81846	2.02565
c 30804-001	WOLF	103/F/12/E:NA-198	55.72	129.53	904	J	V	NST	J GABITES	11/01/85:	1	GOOD:	GL	18.859	0.01	15.613	0.01	38.464	0.01	0.82769	2.03980
										06/26/85		1150:07									

TABLE 5.6OW.
Lead Isotope Data for Samples from Deposits in the Omineca West (Pericratonic) Belt.
(Abbreviations are given on page 114, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	MAP	AGE	DT	TEC	ANALYST	RUN:NORM	RN	QL:T:B	MT	PB6/4	%6/4	PB7/4	%7/4	PB8/4	%8/4	PB7/6	PB8/6
c 30506-001	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	506	D	V	OAD	F GOUTIER	11/29/84:	1	GOOD:	GL	19.148	0.02	15.703	0.02	38.927	0.04	0.82009	2.03298
										06/26/85		1180:07									
c 30506-001R	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	506	D	V	OAD	F GOUTIER	02/21/85:	2	FAIR:	GL	19.148	0.05	15.705	0.02	38.916	0.10	0.82024	2.03245
										06/26/85		1160:06									
c 30506-001R	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	506	D	V	OAD	F GOUTIER	09/21/85:	3	FAIR:	GL	19.134	0.05	15.695	0.05	38.885	0.05	0.82026	2.03217
										06/26/85		1200:09									
c 30506-001R	AGATE BAY	082/M/04/E:SW-053	51.08	119.75	506	D	V	OAD	F GOUTIER	09/22/85:	4	FAIR:	GL	19.033	0.06	15.633	0.06	38.661	0.06	0.82136	2.03234
										06/26/85		1200:08									
c 30506-001A	AGATE BAY (N=3)	082/M/04/E:SW-053	51.08	119.75	506	D	V	OAD	F GOUTIER			GOOD/	GL	19.143	0.00	15.701	0.00	38.909	0.00	0.82020	2.03253
												FAIR									
o 30625-501	ARLINGTON	082/F/14/W:NW-152	49.79	117.36	625	J	V	OSS	P LECOUTEUR		1	GOOD:	GL	18.851	0.00	15.647	0.00	39.046	0.00	0.83004	2.07130
c 30517-001	ART	082/M/04/W:SW-124	51.10	119.95	517	-D	?	OAD	F GOUTIER	02/08/85:	1	FAIR:	GL	19.079	0.10	15.750	0.08	39.185	0.11	0.82555	2.05367
										06/26/85		1200:05									
c 30517-001R	ART	082/M/04/W:SW-124	51.10	119.95	517	-D	?	OAD	F GOUTIER	02/21/85:	2	GOOD:	GL	19.040	0.01	15.724	0.01	39.109	0.01	0.82585	2.05403
										06/26/85		1180:08									
c 30517-001A	ART (N=2)	082/M/04/W:SW-124	51.10	119.95	517	-D	?	OAD	F GOUTIER			FAIR/	GL	19.080	0.00	15.737	0.00	39.147	0.00	0.82570	2.05395
												GOOD									
o 30462-003	ASPEN	082/F/03/E:SW-001	49.18	117.18	462	CE	V	O+K	A ANDREW	08/13/82	1	GOOD:	GL	18.910	0.04	15.620	0.04	38.946	0.05	0.82602	2.05954
o 30462-005	ASPEN	082/F/03/E:SW-001	49.18	117.18	462	CE	V	O+K	A ANDREW	08/00/82	1	GOOD:	GL	19.002	0.05	15.628	0.06	38.946	0.05	0.82244	2.04957
o 30462-007	ASPEN	082/F/03/E:SW-001	49.18	117.18	462	CE	V	O+K	A ANDREW	08/00/82	1	FAIR:	GL	19.095	0.17	15.656	0.18	39.215	0.18	0.81990	2.05368
o 30686-001	AURUM (ISLAND MOUNTAIN)	093/H/04/E:SW-006	53.10	121.58	686	PAZ	V	OBV	B RYAN		1	FAIR:	GL	19.237	0.07	15.759	0.14	39.280	0.13	0.81920	2.04190
o 30686-001R	AURUM (ISLAND MOUNTAIN)	093/H/04/E:SW-006	53.10	121.58	686	PAZ	V	OBV	A ANDREW		1	UNKN:	GL	19.216	0.00	15.748	0.00	39.194	0.00	0.81952	2.03965
c 30522-001!	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	522	C	L	OAD	F GOUTIER	02/21/85:	1	FAIR:	GL	18.403	0.02	15.578	0.02	38.412	0.03	0.84647	2.08725
										06/26/85		1180:07									
c 30522-001R	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	522	C	L	OAD	F GOUTIER	02/22/85:	2	FAIR:	GL	18.294	0.01	15.552	0.01	38.309	0.01	0.85012	2.09414
										06/26/85		1180:06									
c 30522-001R	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	522	C	L	OAD	F GOUTIER	09/18/85:	3	POOR:	GL	18.245	0.30	15.516	0.30	38.243	0.30	0.85038	2.09603
										06/26/85		1250:08									
c 30522-001R	BC (ZN 1)	082/M/04/E:SW-138	51.01	119.52	522	C	L	OAD	F GOUTIER	09/27/85:	4	FAIR:	GL	18.282	0.06	15.554	0.06	38.337	0.07	0.85078	2.09692
										06/26/85		1180:10									
c 30522-001A	BC (ZN 1) (N=2)	082/M/04/E:SW-138	51.01	119.52	522	C	L	OAD	F GOUTIER			FAIR	GL	18.288	0.00	15.553	0.00	38.331	0.00	0.85045	2.09553
o 30368-001	BEATRICE	082/K/13/E:NW-040	50.73	117.56	368	?	V	OKO	B RYAN	00/00/80	1	FAIR:	GL	19.207	0.09	15.681	0.16	39.167	0.18	0.81642	2.03920
o 30419-008	BEAVERDELL (WALLACE)	082/E/06/E:SE-	49.43	119.06	419	P	V	O+J	B RYAN		1	FAIR:	GL	18.583	0.06	15.603	0.10	38.412	0.14	0.83964	2.06705
c 30507-001	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	507	D	L	OAD	F GOUTIER	11/29/84:	1	GOOD:	GL	19.334	0.02	15.668	0.02	38.979	0.02	0.81042	2.01613
										06/26/85		1160:07									
c 30507-001R	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	507	D	L	OAD	F GOUTIER	02/21/85:	3	FAIR:	GL	19.339	0.01	15.684	0.01	39.026	0.01	0.81103	2.01804
										06/26/85		1180:08									
c 30507-001R	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	507	D	L	OAD	F GOUTIER	01/11/85:	2	GOOD:	GL	19.344	0.02	15.687	0.01	39.042	0.02	0.81092	2.01827
										06/26/85		1155:09									
c 30507-001RI	BECA (TOM)	082/M/04/E:SW-055	51.05	119.71	507	D	L	OAD	F GOUTIER	09/22/85:	4	POOR:	GL	19.322	0.03	15.703	0.03	39.056	0.03	0.81268	2.02133
										06/26/85		1200:08									
c 30507-001A	BECA (TOM) (N=3)	082/M/04/E:SW-055	51.05	119.71	507	D	L	OAD	F GOUTIER			GOOD/	GL	19.339	0.00	15.690	0.00	39.016	0.00	0.81078	2.01748
												FAIR									
o 30378-001	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	378	PAZ	=	OSH	B RYAN		1	GOOD:	GL	19.454	0.13	15.824	0.17	39.966	0.23	0.81341	2.05438
o 30378-501	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	378	PAZ	=	OSH	CUMMING & GUDJURDIS		1	FAIR:	GL	19.438	0.03	15.784	0.02	39.880	0.06	0.81202	2.05165
o 30378-502A	BIG LEDGE (N=2)	082/L/08/E:SE-012	50.47	118.04	378	PAZ	=	OSH	CUMMING & GUDJURDIS		1	FAIR:	GL	19.496	0.04	15.872	0.03	40.189	0.07	0.81412	2.06140
o 30378-503	BIG LEDGE	082/L/08/E:SE-012	50.47	118.04	378	PAZ	=	OSH	CUMMING & GUDJURDIS		1	FAIR:	PY	19.418	0.05	15.780	0.04	39.869	0.09	0.81265	2.05320
o 30378-504A	BIG LEDGE (N=2)	082/L/08/E:SE-012	50.47	118.04	378	PAZ	=	OSH	CUMMING & GUDJURDIS		1	FAIR:	GL	19.514	0.03	15.867	0.03	40.141	0.07	0.81311	2.05704

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TABLE 5.60E.

Trace Constituents in the Antrona East Adit.

Lead Isotope Data is Shown on page 115, and in Table 5.43.

SAMPLE NO	DEPOSIT &/or SAMPLE NOTE	ANALYSE										
b 33917-S01	A (LISA)											
b 33888-S01	ALICE											
b 33818-S01	ANDERSON											
b 33887-S01	AURORA (ST EUGENE SYSTEM)											
c 33883-001	BEND (NORTH BEND)											
c 33883-0021	BEND (CANYON)											
b 33811-S01	BENTON											
b 33819-S01	BIMODAL LAKE (BIMODAL)											
b 33874-S01	BLACK BEAR											
b 33895-S02#	BOY SCOUT (WARHORSE)											
b 33895-S03	BOY SCOUT (WARHORSE)											
b 33895-S04	BOY SCOUT (WARHORSE)											
c 33859-001	CAMBRIDGE (FISSOPLEX)											
c 33859-0011	CAMBRIDGE (FISSOPLEX)											
c 33859-0011A	CAMBRIDGE (FISSOPLEX, N=2)											
b 33439-001	CHICAGO											
b 33459-001	COLUMBIA A (PD-2A)											
b 33820-S01#	DAN MINE											
b 33820-S02	DAN MINE											
b 33878-S01#	DERBYDIN											
b 33878-S021	HOMEWIDN											
b 33839-001	EMPIRE STRATHCONA											
b 33877-S01#	ESTELLA											
b 33877-S031	ESTELLA											
b 33869-S01	FERS											
b 33869-S02	FERS											
b 33869-S03	FERS											
b 33869-AVG	FERS (N=3)											
b 33666-101	GOLDSTRIKER											
c 33666-1011	GOLDSTRIKER											
c 33666-1011A	GOLDSTRIKER (N=2)											
b 33666-S04	GOLDSTRIKER											
b 33666-S05	GOLDSTRIKER											
b 33818-S01	GREAT DANE											
c 33850-S01	HOPE											
b 33816-S01	HW (LOC WORKS)											

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TABLE 5.6ON.
Lead Isotope Data for Samples from Deposits in the Omineca North (Cassiar-Pelly) Belt.
(Abbreviations are given on page 114, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	MAP	AGE	DT	TEC	ANALYST
o 10084-001	A+B	105/B/01/W:SE-126	60.12	130.43	094	C	V	O+K	B RYAN
c 30552-001	AMY (MARBACO)	104/O/16/W:NE-004	59.92	130.48	552	CE	V	O+K	J GABITES
o 10083-001	ANGIE	105/F/15/E:NE-092	61.85	132.50	083	D	V	O+K	B RYAN
c 30873-101	BILL-CARLICK (TRENCH 1)	104/P/03/E:SW-	59.22	129.22	873	CE	B	OCA	J GABITES
c 30873-102	BILL-CARLICK (TRENCH 2)	104/P/03/E:SW-	59.22	129.22	873	CE	B	OCA	J GABITES
c 30873-AVG	BILL-CARLICK (N=2)	104/P/03/E:SW-	59.22	129.22	873	CE	B	OCA	J GABITES
c 10145-001	BLACK ROCK (ALAN)	105/B/02/E:SE-012	60.01	130.77	145	?	V	O+	J GABITES
c 10145-001R	BLACK ROCK (ALAN)	105/B/02/E:SE-012	60.01	130.77	145	?	V	O+	J GABITES
c 10145-001A	BLACK ROCK (ALAN, N=2)	105/B/02/E:SE-012	60.01	130.77	145	?	V	O+	J GABITES
c 30461-001	BLUE (ICE LAKE)	104/P/12/W:NW-	59.53	129.99	461	DL	X	OCA	J GABITES
c 30461-001R	BLUE (ICE LAKE)	104/P/12/W:NW-	59.53	129.99	461	DL	X	OCA	J GABITES
c 30461-001A	BLUE (ICE LAKE) (N=2)	104/P/12/W:NW-	59.53	129.99	461	DL	X	OCA	J GABITES
o 10081-001	BNOB	105/F/10/E:NE-078	61.58	132.49	081	D-B	L	OCA	B RYAN
c 10081-001	BNOB	105/F/10/E:NE-078	61.58	132.49	081	D-B	L	OCA	J GABITES
c 10081-001R	BNOB	105/F/10/E:NE-078	61.58	132.49	081	D-B	L	OCA	J GABITES
c 10081-001A	BNOB (N=2)	105/F/10/E:NE-078	61.58	132.49	081	D-B	L	OCA	J GABITES
c 30474-001	BULLION CREEK	104/I/07/E:SE-011	58.40	128.62	474	D	B	OCA	J GABITES
c 30553-001	BUTLER MOUNTAIN (LOC APPROX)	104/O/16/ :NE-	59.00	130.00	553		?	OCA	J GABITES
o 10082-001	CHZERPNOUGH	105/F/09/E:NE-077	61.60	132.43	082	D-B	L	OCA	B RYAN
c 10082-001	CHZERPNOUGH	105/F/09/E:NE-077	61.60	132.43	082	D-B	L	OCA	J GABITES
o 30387-0011	CONTACT (TELEMAC)	104/P/05/W:SW-004	59.32	129.87	387	Z	S	O+K	B RYAN
o 30387-002	CONTACT (TELEMAC)	104/P/05/W:SW-004	59.32	129.87	387	Z	S	O+K	B RYAN
o 30387-AVG1	CONTACT (TELEMAC) (N=2)	104/P/05/W:SW-004	59.32	129.87	387	Z	S	O+K	B RYAN
o 30400-001	CUSAC	104/P/04/E:SW-	59.19	129.70	400	D-P	V	O+K	B RYAN
c 10060-001	CYR	105/G/10/W:SW-069	61.33	131.17	060	C-O	=	OCA	J GABITES
o 10060-001	CYR	105/G/06/W:SW-069	61.33	131.32	060	C-O	=	OCA	B RYAN
o 10065-001	DEV	105/K/03/W:SW-074	62.17	133.48	065	D	B	OCA	B RYAN
c 10065-001	DEV	105/K/03/W:SW-074	62.17	133.48	065	D?	=	OCA	J GABITES
o 30436-002	ERICKSON (VOLLAUG)	104/P/04/E:SW-019	59.22	129.65	436	D	V	O+K	A ANDREW
c 10177-101	FIDDLER (GREISEN)	105/B/01/W:SE-004	60.15	130.45	177	?	#	OCA	J GABITES
c 10177-102	FIDDLER (SKARN)	105/B/01/W:SE-004	60.15	130.45	177	?	S	OCA	J GABITES
c 10177-AVG	FIDDLER (N=2)	105/B/01/W:SE-004	60.15	130.40	177	?	#	OCA	J GABITES
o 10090-001	HOWARU	105/F/09/E:NE-085	61.58	132.08	090	S-D	X	OCA	B RYAN
c 10090-001	HOWARU	105/F/09/E:NE-085	61.58	132.08	090	S-D	X	OCA	J GABITES

RUN:NORM	RN	QL:T:B	MT	P86/4	%6/4	P87/4	%7/4	P88/4	%8/4	P87/6	P88/6
	1	FAIR	GL	19.516	0.08	15.714	0.15	39.657	0.19	0.80519	2.03202
12/21/84:	1	GOOD:	GL	19.406	0.02	15.708	0.01	39.649	0.05	0.80945	2.04313
06/26/85		1150:07									
	1	FAIR	GL	19.122	0.12	15.680	0.17	39.020	0.27	0.82000	2.04058
07/26/85:	1	GOOD:	GL	18.257	0.01	15.620	0.01	38.276	0.01	0.85555	2.09645
06/26/85		1150:06									
07/26/85:	1	GOOD:	GL	18.153	0.01	15.607	0.00	38.200	0.01	0.85974	2.10429
06/26/85		1150:07									
		GOOD:	GL	18.205	0.01	15.614	0.01	38.238	0.01	0.85797	2.10036
12/03/84:	1	GOOD:	GL	19.490	0.02	15.702	0.02	39.667	0.02	0.80564	2.03523
06/26/85		1150:08									
03/07/85:	2	FAIR:	GL	19.494	0.03	15.715	0.01	39.715	0.03	0.80612	2.03732
06/26/85		1150:12									
		GOOD/FAI R	GL	19.492	0.03	15.709	0.02	39.691	0.03	0.80588	2.03605
09/07/84:	1	GOOD:	GL	18.513	0.07	15.649	0.04	38.595	0.08	0.84529	2.08473
06/26/85		1200:08									
09/09/84:	2	GOOD:	GL	18.544	0.03	15.670	0.03	38.648	0.03	0.84508	2.08416
06/26/85		1150:06									
		GOOD:	GL	18.529	0.05	15.660	0.04	38.622	0.06	0.84517	2.08445
	1	FAIR	GL	18.661	0.09	15.632	0.19	38.503	0.17	0.83768	2.06329
08/14/85:	1	GOOD:	GL	18.673	0.04	15.651	0.03	38.599	0.04	0.83818	2.06722
06/26/85		1200:07									
08/29/85:	2	FAIR:	GL	18.668	0.02	15.656	0.01	38.609	0.02	0.83867	2.06828
06/26/85		1200:09									
		GOOD /FAIR	GL	18.671	0.03	15.654	0.02	38.604	0.03	0.83842	2.06775
08/17/84:	1	GOOD:	GL	18.636	0.03	15.780	0.03	38.724	0.04	0.84679	2.07794
06/26/85		1150:09									
12/21/84:	1	GOOD:	GL	19.649	0.06	15.760	0.06	39.841	0.08	0.80207	2.02769
06/26/85		1150:06									
	1	FAIR	GL	18.688	0.08	15.585	0.16	38.494	0.16	0.83396	2.05982
08/14/85:	1	GOOD:	GL	18.730	0.01	15.672	0.01	38.694	0.01	0.83673	2.06601
06/26/85		1150:19									
10/00/80	1	POOR	GL	18.990	0.18	15.686	0.25	39.222	0.33	0.82496	2.06540
11/00/80:	1	FAIR	GL	19.317	0.20	15.808	0.25	39.582	0.10	0.81835	2.04908
		UNKN:	GL	19.153	0.00	15.737	0.00	39.402	0.00	0.82165	2.05722
11/00/80	1	FAIR	GL	19.270	0.07	15.709	0.12	39.256	0.13	0.81520	2.03716
07/26/85:	1	GOOD:	GL	18.393	0.01	15.635	0.01	38.436	0.01	0.85008	2.08981
06/26/85		1150:09									
00/00/00	1	FAIR	GL	18.424	0.12	15.664	0.22	38.473	0.21	0.85020	2.08820
	1	FAIR	GL	18.537	0.07	15.676	0.14	38.625	0.11	0.84566	2.08367
07/31/85:	1	GOOD:	GL	18.529	0.02	15.651	0.01	38.532	0.02	0.84471	2.07971
06/26/85		1150:07									
02/03/83:	1	GOOD	GL	19.036	0.03	15.685	0.03	38.932	0.04	0.82396	2.04518
11/18/85:	1	GOOD:	GL	19.672	0.01	15.755	0.00	39.837	0.01	0.80091	2.02515
06/26/85		1150:10									
11/18/85:	1	GOOD:	GL	19.668	0.01	15.753	0.01	39.826	0.01	0.80099	2.02505
06/26/85		1150:12									
		GOOD:	GL	19.670	0.01	15.754	0.01	39.832	0.01	0.80095	2.02510
	1	FAIR	GL	18.487	0.10	15.644	0.18	38.601	0.19	0.84622	2.08801
08/01/85:	1	FAIR:	GL	18.452	0.04	15.639	0.03	38.585	0.05	0.84759	2.09125
06/26/85		1200:06									

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c 10170-101	TINTINA	105/G/03/E:SE-004	61.15	131.15	170	CE	B	OCA	J GABITES	06/14/85: 1 06/26/85	GOOD: 1200:10	GL	19.309	0.01	15.710	0.01	39.485	0.01	0.81362	2.04498
c 10170-102	TINTINA	105/G/03/E:SE-004	61.15	131.15	170	CE	B	OCA	J GABITES	06/13/85: 1 06/26/85	GOOD: 1150:07	GL	19.436	0.02	15.727	0.02	39.653	0.02	0.80917	2.04030
c 10170-102R	TINTINA	105/G/03/E:SE-004	61.15	131.15	170	CE	B	OCA	J GABITES	07/11/85: 2 06/26/85	GOOD: 1150:11	GL	19.446	0.01	15.740	0.01	39.705	0.02	0.80944	2.04190
c 10170-102A	TINTINA (N=2)	105/G/03/E:SE-004	61.15	131.15	170	CE	B	OCA	J GABITES		GOOD:	GL	19.441	0.02	15.734	0.02	39.679	0.02	0.80930	2.04318
c 10170-104	TINTINA	105/G/03/E:SE-004	61.15	131.15	170	CE	B	OCA	J GABITES	06/13/85: 1 06/26/85	GOOD: 1200:11	GL	19.298	0.01	15.720	0.01	39.499	0.02	0.81506	2.04800
c 10170-105	TINTINA	105/G/03/E:SE-004	61.15	131.15	170	CE	V	OCA	J GABITES	06/13/85: 1 06/26/85	GOOD: 1150:09	GL	19.390	0.02	15.729	0.02	39.644	0.02	0.81122	2.04469
c 10170-105R	TINTINA	105/G/03/E:SE-004	61.15	131.15	170	CE	V	OCA	J GABITES	07/11/85: 2 06/26/85	FAIR: 1150:11	GL	19.369	0.07	15.734	0.02	39.568	0.09	0.81235	2.04294
c 10170-105A	TINTINA (N=2)	105/G/03/E:SE-004	61.15	131.15	170	CE	V	OCA	J GABITES		GOOD /FAIR	GL	19.380	0.05	15.762	0.02	39.606	0.06	0.81179	2.04294
c 10170-106	TINTINA	105/G/03/E:SE-004	61.15	131.15	170	CE	B	OCA	J GABITES	06/13/85: 1 06/26/85	GOOD: 1150:19	GL	19.277	0.01	15.714	0.01	39.487	0.01	0.81517	2.04847
c 10170-AVG	TINTINA (N=5)	105/G/03/E:SW-004	61.15	131.15	170	CE	B	OCA	J GABITES		GOOD:	GL	19.339	0.02	15.728	0.01	39.551	0.02	0.81298	2.04569
c 10179-101	TINTINA (CONTACT)	105/G/03/E:SE-004	61.16	131.16	179	CE	V	OCA	J GABITES	10/31/85: 1 06/26/85	POOR: 1350:02	SP	18.292	4.15	15.736	3.26	38.285	4.16	0.86024	2.09298
c 10179-102	TINTINA (CONTACT)	105/G/03/E:SE-004	61.16	131.16	179	CE	V	OCA	J GABITES	08/19/85: 1 06/26/85	GOOD: 1150:09	GL	19.436	0.02	15.750	0.01	39.744	0.03	0.81032	2.04487
n 30386-001	WEISMAN	104/P/04/W:SW-	59.13	129.77	386	Z	V	O+K	B RYAN	10/00/80: 1	FAIR	GL	19.224	0.02	15.735	0.07	39.349	0.02	0.81851	2.04687
o 10155-001	WOLF	105/B/09/E:NE-074	60.55	130.03	155	Z-C	V	O+K	A ANDREW	08/00/82	1 GOOD	GL	19.402	0.26	15.747	0.28	39.704	0.27	0.81162	2.04839

TABLE 5.6S.
Lead Isotope Data for Samples from Deposits in the Selwyn Belt.
(Abbreviations are given on page 114, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	MAP	AGE	DT	TEC	ANALYST	RUN:NORM	RN	QL:T:B	MT	PB6/4	%6/4	PB7/4	%7/4	PB8/4	%8/4	PB7/6	PB8/6
o 30891-001	ALCOCK	094/F/11/W:NE-015	57.67	125.42	691	D-B	=	S	B RYAN	00/00/79		FAIR:	GL	18.904	0.09	15.764	0.17	39.561	0.18	0.83038	2.08391
o 10034-009	BIRKELAND	106/B/04/W:SW-004	64.15	131.92	034	Z	B	S	B RYAN	00/00/79	1	FAIR:	GL	18.825	0.02	15.708	0.07	38.524	0.08	0.83442	2.04643
o 10034-010	BIRKELAND	106/B/04/W:SW-004	64.15	131.92	034	Z	B	S	B RYAN	00/00/79	1	FAIR:	GL	18.790	0.05	15.706	0.11	38.451	0.13	0.83587	2.04635
o 10034-AVG	BIRKELAND (N=2)	106/B/04/W:SW-004	64.15	131.92	034	Z	B	S	B RYAN	00/00/79	1	FAIR:	GL	18.808	0.04	15.707	0.10	38.488	0.12	0.83512	2.04636
o 30879-001	BOYA	094/M/03/W:SW-021	59.25	127.49	679	K?	V	S+K	B RYAN		1	FAIR	GL	19.560	0.07	15.710	0.15	39.689	0.15	0.80317	2.02909
c 10183-001	CAVE (DROMEDARY MOUNTAIN)	105/L/14/W:NW-	62.91	135.35	183	BE	=	S	J GABITES	08/30/84: 1		GOOD:	GL	18.674	0.02	15.674	0.01	38.670	0.02	0.83933	2.07078
										06/26/85		1150:07									
o 10153-001	CHU	095/D/13/E/NW-004	60.80	127.30	153	PRO	S	S	A ANDREW	08/16/82	1	GOOD:	GL	18.417	0.28	15.670	0.29	38.495	0.29	0.85084	2.09019
o 30892-001	CIRQUE	094/F/11/E:NE-008	57.52	125.12	692	D-B	=	S	B RYAN	00/00/79		FAIR:	GL	18.795	0.08	15.689	0.16	39.166	0.16	0.83474	2.08385
c 10165-001	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES	05/15/85: 1		GOOD:	GL	18.681	0.02	15.673	0.02	38.627	0.03	0.83901	2.06772
										06/26/85		1150:07									
c 10165-002I	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES	05/15/85: 1		POOR:	GL	18.708	0.05	15.701	0.04	38.752	0.05	0.83924	2.07138
										06/26/85		1150:10									
c 10165-002R	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES	06/26/85: 2		GOOD:	GL	18.695	0.01	15.684	0.01	38.674	0.01	0.83893	2.06869
										06/26/85		1150:09									
c 10165-003	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES	05/15/85: 1		GOOD:	GL	18.688	0.01	15.674	0.01	38.648	0.02	0.83869	2.06803
										06/26/85		1150:12									
c 10165-004	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES	05/16/85: 1		GOOD:	GL	18.689	0.01	15.676	0.01	38.652	0.01	0.83878	2.06816
										06/26/85		1150:17									
c 10165-005	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES	05/16/85: 1		GOOD:	GL	18.682	0.01	15.675	0.01	38.640	0.01	0.83903	2.06826
										06/26/85		1150:09									
c 10165-007	CLEAR LAKE	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES	05/16/85: 1		GOOD:	GL	18.680	0.01	15.671	0.00	38.628	0.01	0.83888	2.06787
										06/26/85		1150:07									
c 10165-AVG	CLEAR LAKE (N=6)	105/L/14/E:NW-017	62.79	135.16	165	D-B	X	S	J GABITES			GOOD:	GL	18.686	0.01	15.676	0.01	38.645	0.01	0.83888	2.06812
o 10030-001	COMINCO 3 (NECO)	106/B/05/W:SW-003	64.48	131.83	030	Y	B	S	B RYAN		1	FAIR:	GL	18.289	0.08	15.681	0.14	38.670	0.16	0.85740	2.11439
o 30693-001	DRIFTPILE (CREEK)	094/K/04/W:SW-066	58.07	125.92	693	D-B	=	S	B RYAN	00/00/79		FAIR:	GL	18.864	0.07	15.666	0.14	39.093	0.12	0.83047	2.07236
o 30693-002	DRIFTPILE (N TRENCH)	094/K/04/W:SW-066	58.07	125.92	693	D-B	=	S	B RYAN	00/00/79		FAIR:	GL	18.860	0.09	15.686	0.15	39.202	0.19	0.83171	2.07858
o 30693-003	DRIFTPILE (S CAMP)	094/K/04/W:SW-066	58.07	125.92	693	D-B	=	S	B RYAN	00/00/79		FAIR:	GL	18.852	0.08	15.655	0.14	39.043	0.21	0.83042	2.07103
o 30693-AVG	DRIFTPILE (N=3)	094/K/04/W:SW-066	58.07	125.92	693	D-B	=	S	B RYAN	00/00/79		FAIR:	GL	18.859	0.08	15.669	0.14	39.113	0.17	0.83085	2.07397
c 10185-001	DROMEDARY MOUNTAIN	105/L/15/E:NE-	62.98	134.72	185	BE	?	S	J GABITES	09/07/84: 1		GOOD:	GL	18.660	0.02	15.668	0.02	38.884	0.03	0.83962	2.07361
										06/26/85		1150:09									
o 10109-001	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79	1	FAIR:	GL	18.419	0.10	15.610	0.18	38.322	0.21	0.84749	2.08057
o 10109-002	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.431	0.04	15.644	0.09	38.384	0.07	0.84879	2.08258
o 10109-003	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.431	0.10	15.676	0.19	38.377	0.28	0.85052	2.08220
o 10109-004	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.383	0.03	15.660	0.23	38.338	0.04	0.85187	2.08551
o 10109-005	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.411	0.06	15.685	0.12	38.385	0.16	0.85194	2.08489
o 10109-006	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.396	0.10	15.658	0.16	38.515	0.17	0.85116	2.09368
o 10109-007	DY (UNKNOWN PART OF CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.411	0.07	15.650	0.14	38.332	0.14	0.85003	2.08202
o 10109-008	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.379	0.10	15.591	0.21	38.195	0.17	0.84830	2.07819
o 10109-009	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.473	0.08	15.662	0.13	38.483	0.25	0.84783	2.08320
o 10109-010	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.424	0.07	15.655	0.13	38.327	0.17	0.84971	2.08020
o 10109-011	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.389	0.08	15.633	0.11	38.305	0.11	0.85013	2.08304
o 10109-012	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.417	0.11	15.648	0.22	38.338	0.30	0.84965	2.08186
o 10109-013	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.389	0.09	15.650	0.17	38.404	0.17	0.85105	2.08842
o 10109-014	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.403	0.09	15.648	0.18	38.415	0.16	0.85030	2.08743
c 10109-015	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.404	0.11	15.599	0.21	38.268	0.14	0.84759	2.07933
o 10109-016	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.407	0.10	15.681	0.14	38.193	0.20	0.85082	2.07492
o 10109-017	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.411	0.09	15.672	0.16	38.464	0.22	0.85123	2.08919
o 10109-018	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.390	0.02	15.628	0.08	38.307	0.10	0.84981	2.08303
o 10109-019	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.451	0.07	15.655	0.17	38.539	0.17	0.84846	2.08872
o 10109-020	DY (BOTTOM OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.465	0.05	15.679	0.15	38.438	0.15	0.84912	2.08167
o 10109-021	DY (MID-TOP OF ANVIL CYCLE)	105/K/03/E:SW-090	62.23	133.10	109	CE	=	S	B RYAN	00/00/79		FAIR:	GL	18.376	0.25	15.643	0.43	38.336	0.27	0.85127	2.08620

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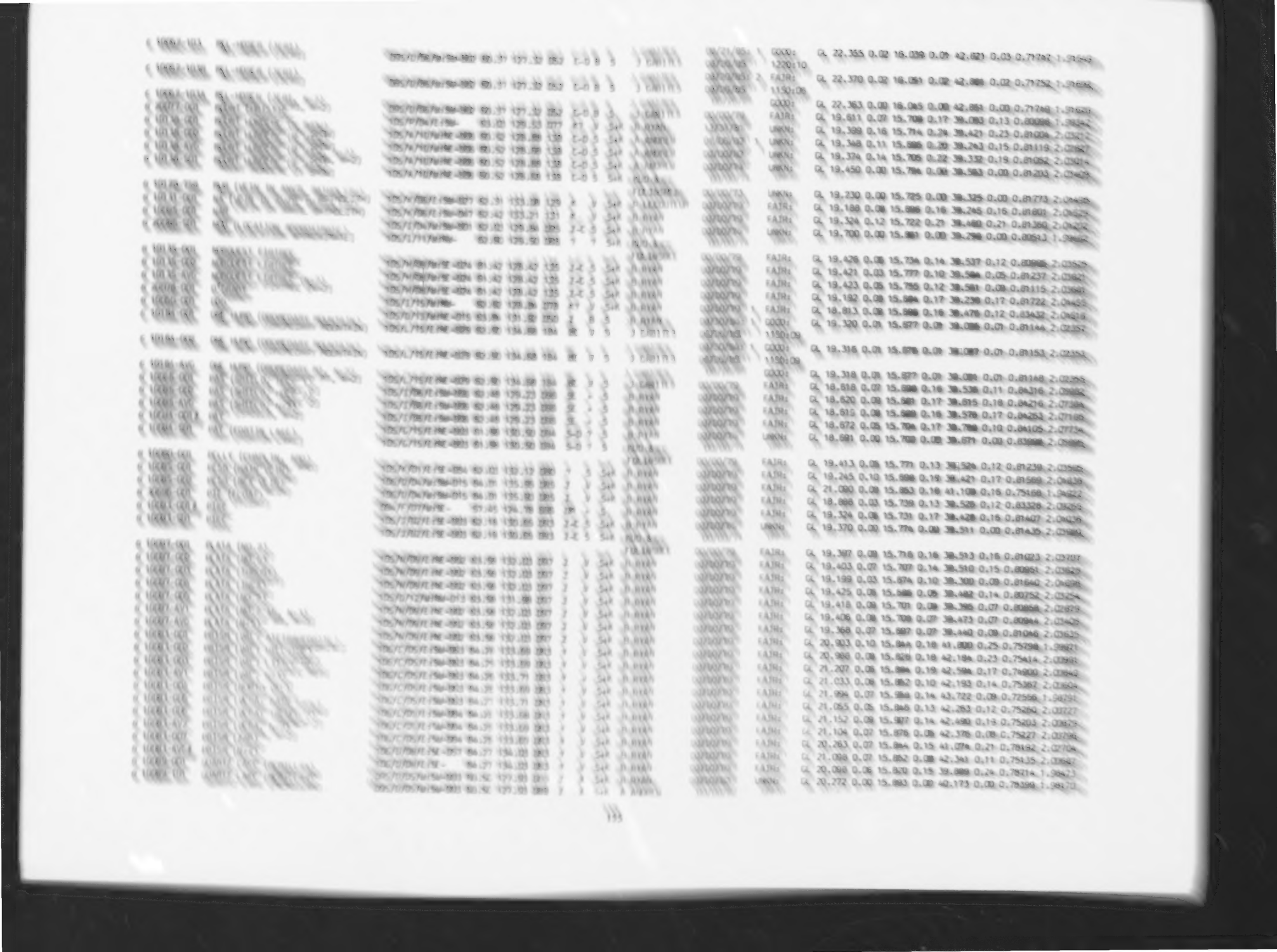

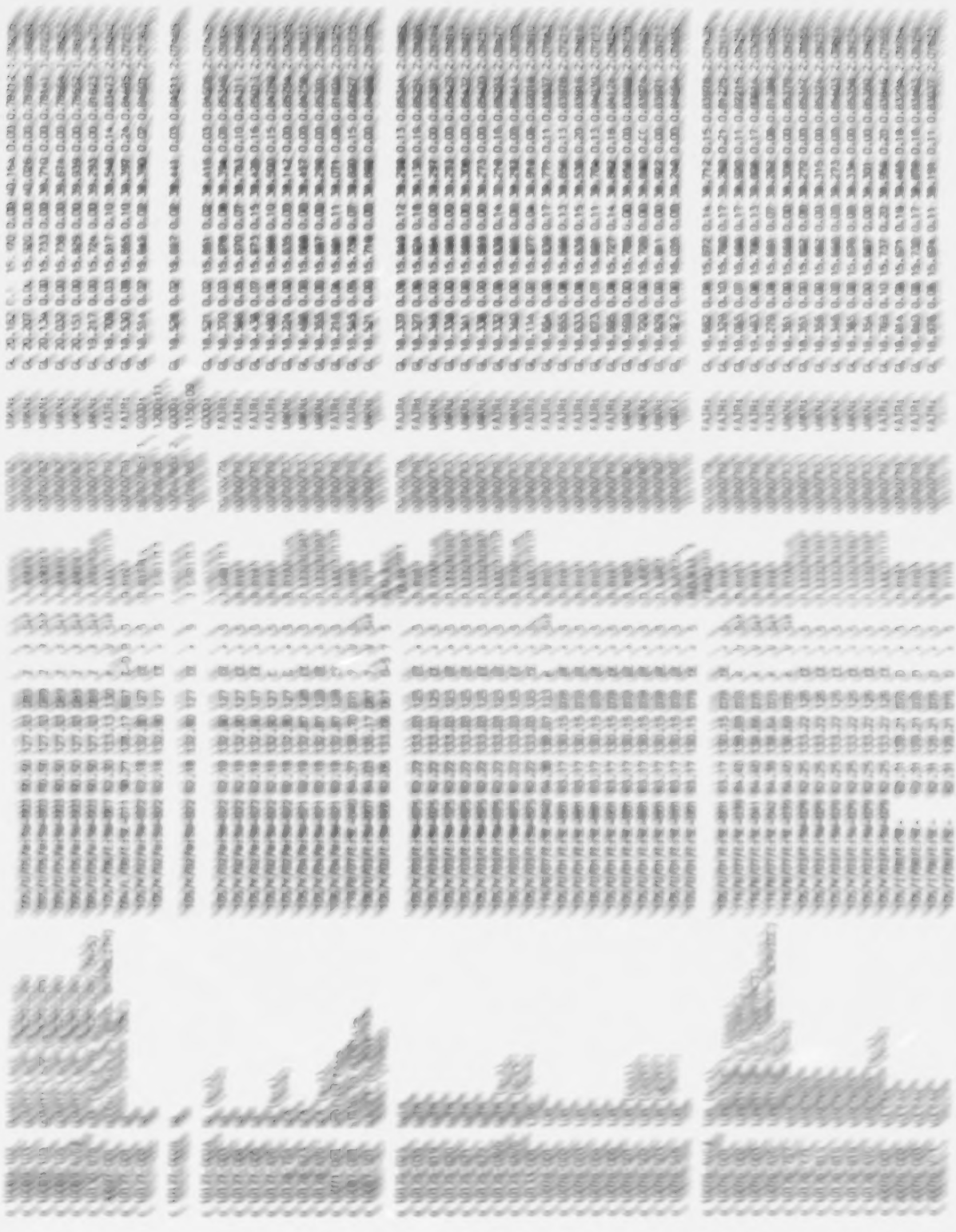

o 20076-V-2	VULCAN	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.880	0.07	15.690	0.09	39.279	0.14	0.83104	2.0E1-6
o 20076-V-3	VULCAN	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.868	0.07	15.670	0.18	39.279	0.14	0.83051	2.0E178
o 20076-V-4	VULCAN	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.807	0.10	15.681	0.18	38.835	0.22	0.83378	2.0E31a
o 20076-V-5	VULCAN	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.859	0.10	15.723	0.16	38.977	0.22	0.83371	2.0E375
o 20076-V-6	VULCAN	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.842	0.07	15.725	0.14	39.195	0.19	0.83457	2.0E213
o 20076-V-7	VULCAN	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.866	0.07	15.729	0.14	39.011	0.18	0.83372	2.0E779
o 20076-V-8	VULCAN	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.810	0.08	15.696	0.18	38.916	0.15	0.83445	2.0E35C
o 20076-AVG#	VULCAN (N=11)	105/1/08/E:SE-	62.31	128.21	076	D	=	S	B RYAN	00/00/79	FAIR:	GL	18.839	0.08	15.702	0.16	39.084	0.18	0.83348	2.07E16

TABLE 5.6F.
Lead Isotope Data for Samples from Deposits in the Foreland Belt.
(Abbreviations are given on page 114, and in Table 5.3)

SAMPLE NO	DEPOSIT &/or SAMPLE NAME	NTS & GOVT REF	LAT N	LONG W	MAP	AGE	DT	TEC	ANALYST	RUN:NORM	RN	QL:T:B	MT	PB6/4	%6/4	PB7/4	%7/4	PB8/4	%8/4	PB7/6	PB8/6
c 20082-101	ARROW	105/I/15/W:NE-	62.91	128.61	082	?	V	FMP	J GABITES	11/18/85:	1	GOOD:	GL	19.100	0.02	15.647	0.02	38.780	0.03	0.81924	2.03042
										06/26/85		1150:06									
o 20008-009	BACKBONE	105/P/14/E:NW-	63.85	129.17	008	D	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.739	0.07	15.647	0.12	38.460	0.16	0.83500	2.05240
o 30708-501!	BEATTON RIVER	094/G/02/E:SE-001	57.08	122.67	708	D-B	B	F	RUSSELL AND FARQUHAR	00/00/00	1	UNKN:	GL	18.145	0.00	15.638	0.00	38.534	0.00	0.86184	2.12367
o 10032-002	BILBO	116/G/07/E:SE-007	65.27	138.57	002	D-S	B	F	B RYAN	00/00/79	1	FAIR:	GL	22.825	0.03	16.087	0.10	42.715	0.08	0.70460	1.87141
o 10139-001	BLENDE	106/D/07/E:SE-047	64.40	134.70	139	Y	B	F	A ANDREW	08/09/82:	1	GOOD:	GL	18.581	0.42	15.477	0.44	38.378	0.45	0.83342	2.19396
20080-AVG	CADILLAC	095/F/10/W:NE-	61.52	124.80	080	D	V	F	CUMMING, U OF ALBERTA	00/00/00	1	GOOD	GL	19.019	0.01	15.663	0.01	39.026	0.03	0.82354	2.05195
c 10051-001	CHLOE (MACPI LAN)	106/E/02/E:SE-003	65.20	134.68	051	Y	=	F	B RYAN	00/00/79	1	FAIR:	GL	18.694	0.10	15.703	0.16	38.580	0.20	0.84000	2.06411
c 10051-003	CHLOE (MACPI LAN)	106/E/02/E:SE-003	65.20	134.68	051	Y	=	F	J GABITES	06/13/85:	1	GOOD:	GL	18.680	0.01	15.687	0.00	38.622	0.02	0.83978	2.06758
										06/26/85		1150:09									
o 20027-001	CLIMAX	105/P/08/W:SE-	63.35	128.38	027	C	B	F	B RYAN	00/00/79	1	FAIR:	GL	19.660	0.05	15.770	0.13	39.924	0.11	0.80214	2.03072
o 10023-001	DEM	116/B/13/W:NW-094	64.75	139.60	023	Y	=	F	B RYAN	00/00/79	1	FAIR:	GL	18.823	0.07	15.670	0.14	38.818	0.17	0.83249	2.06226
o 10010-017	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	010	CE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.425	0.09	15.631	0.15	38.351	0.24	0.84836	2.08147
o 10010-020	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	010	CE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.463	0.07	15.724	0.14	38.549	0.15	0.85155	2.08791
o 10010-027	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	010	CE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.432	0.08	15.649	0.17	38.288	0.17	0.84901	2.07726
o 10010-045	ECONOMIC	106/B/06/E:SW-001	64.33	131.22	010	CE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.426	0.09	15.716	0.18	38.647	0.18	0.85293	2.08742
o 10010-AVG#	ECONOMIC (N=4)	106/B/06/E:SW-001	64.33	131.22	010	CE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.437	0.09	15.680	0.15	38.459	0.17	0.85276	2.08837
o 10001-004	EG (CARNE)	106/C/14/E:NW-037	64.85	133.13	001	Z	B	F	B RYAN	00/00/79	1	FAIR:	GL	17.933	0.07	15.587	0.17	37.841	0.08	0.86918	2.11013
o 20010-002	EMILY	105/P/11/E:NW-	63.67	129.12	010	CE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.695	0.05	15.761	0.11	39.923	0.12	0.84305	2.13549
c 10157-002	FLAT CLAIMS	105/M/04/W:SW-	63.08	135.83	157	?	B	FMP	J GABITES	08/23/84:	1	GOOD:	GL	16.062	0.07	15.429	0.06	35.809	0.07	0.96057	2.22939
										06/26/85		1150:07									
o 20024-005	GAYNA	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.511	0.04	15.598	0.09	38.114	0.07	0.84263	2.05896
o 20024-020	GAYNA (TOP OF A)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.805	0.08	15.628	0.19	38.367	0.13	0.83106	2.04026
o 20024-021	GAYNA	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	17.622	0.06	15.498	0.13	37.108	0.13	0.87947	2.10578
o 20024-023	GAYNA	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.450	0.06	15.562	0.14	37.842	0.17	0.84347	2.05106
o 20024-024	GAYNA	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.901	0.07	15.649	0.16	38.488	0.16	0.82795	2.03619
o 20024-025	GAYNA	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.560	0.06	15.587	0.10	38.133	0.13	0.83982	2.05456
o 20024-022	GAYNA (C-SHOW)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.604	0.10	15.613	0.20	38.263	0.20	0.83923	2.05671
o 20024-026	GAYNA (EARLY MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.517	0.08	15.652	0.16	38.117	0.15	0.84528	2.05849
o 20024-027	GAYNA (EARLY MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.515	0.01	15.627	0.11	37.969	0.15	0.84402	2.05072
o 20024-028	GAYNA (EARLY MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.543	0.03	15.640	0.17	38.102	0.07	0.84345	2.05479
c 20024-029	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.442	0.07	15.634	0.08	38.000	0.11	0.84774	2.06051
o 20024-030	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	19.432	0.06	15.708	0.14	39.038	0.11	0.80836	2.00895
o 20024-031	GAYNA (LATE MINERALIZATION)	106/E/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.169	0.04	15.645	0.12	37.960	0.10	0.86106	2.08927
o 20024-034	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.684	0.03	15.659	0.07	38.294	0.08	0.83810	2.04956
o 20024-135	GAYNA (LATE MINERALIZATION)	106/B/15/E:NE-	64.95	130.63	024	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.898	0.04	15.685	0.12	38.348	0.10	0.83086	2.05091
o 10012-001	GILLESPIE	106/C/13/W:NW-003	64.83	133.77	012	Z	B	F	B RYAN	00/00/79	1	FAIR:	GL	16.532	0.06	15.451	0.14	36.188	0.17	0.93461	2.18897
o 30430-001	GOAT	094/K/04/E:SW-	58.20	125.55	430	D-B	B	F	A ANDREW	12/22/81	1	UNKN:	GL	18.701	0.00	15.658	0.00	38.499	0.00	0.83728	2.05856
o 30430-002	GOAT	094/K/04/E:SW-	58.20	125.55	430	D-B	B	F	A ANDREW	12/22/81	1	UNKN:	GL	18.652	0.00	15.614	0.00	38.354	0.00	0.83712	2.05629
o 30430-002R	GOAT	094/K/04/E:SW-	58.20	125.55	430	D-B	B	F	A ANDREW	12/31/81	2	UNKN:	GL	18.750	0.00	15.707	0.00	38.555	0.00	0.83771	2.05627
o 30430-002A	GOAT (N=2)	094/K/04/E:SW-	58.20	125.55	430	D-B	B	F	A ANDREW	12/00/81		UNKN:	GL	18.701	0.00	15.661	0.00	38.460	0.00	0.83742	2.05628
o 30430-AVG	GOAT (N=2)	094/K/04/E:SW-	58.20	125.55	430	D-B	B	F	A ANDREW	00/00/00	1	UNKN:	GL	18.701	0.00	15.660	0.00	38.469	0.00	0.83739	2.05706
c 20083-101	GOLDEN RAM (loc approx)	105/I/06/	62.00	120.00	083	?	?	FMP	J GABITES	11/22/85:	1	GOOD:	GL	18.436	0.02	15.662	0.01	38.535	0.02	0.84956	2.09025
										06/26/85		1150:08									
o 10016-001	GREMLIN	106/E/02/E:SE-002	65.18	134.63	016	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	19.477	0.20	15.692	0.30	39.208	0.60	0.80567	2.01304
o 20022-004	GUILD	106/B/09/E:NE-	64.63	130.10	022	D-0	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.798	0.08	15.680	0.20	38.781	0.13	0.83413	2.06197
o 10082-001	HART RIVER	116/A/10/W:NE-008	64.63	136.87	082	Y	=	F	B RYAN	00/00/79	1	FAIR:	GL	16.521	0.08	15.453	0.15	36.458	0.21	0.93536	2.20877
o 10082-100	HART RIVER	116/A/10/W:NE-008	64.63	136.87	082	Y	=	F	B RYAN	00/00/79	1	FAIR:	GL	16.517	0.12	15.457	0.21	36.290	0.24	0.93582	2.19713
o 10082-AVG	HART RIVER (N=2)	116/A/10/W:NE-008	64.63	136.87	082	Y	=	F	B RYAN	00/00/79	1	FAIR:	GL	16.519	0.10	15.455	0.18	36.374	0.22	0.93559	2.20195
o 10006-002	HOT	116/A/13/W:NW-014	64.98	137.77	008	D-S	B	F	B RYAN	00/00/79	1	FAIR:	GL	20.468	0.14	15.866	0.21	39.667	0.24	0.77467	1.93800

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o 20029-002	SONNENDRUCKER	106/B/14/W:NW-	64.83	131.50	029	O-S	=	F	B RYAN	00/00/79	1	FAIR:	GL	18.477	0.08	15.637	0.18	38.683	0.15	0.84630	2.08358
o 20016-001	TAP	105/P/14/E:NW-	63.95	129.13	016	O	=	F	B RYAN	00/00/79	1	FAIR:	GL	18.440	0.08	15.665	0.18	38.511	0.15	0.84951	2.08845
o 10055-100	TARA	106/C/02/W:SE-066	64.20	132.98	055	OE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.817	0.07	15.748	0.16	38.571	0.12	0.83690	2.04980
o 10020-100	TART	116/B/13/W:NW-063	64.83	139.83	020	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	16.805	0.08	15.446	0.18	38.410	0.23	0.91913	2.28563
o 20025-008	TEGART	106/B/09/E:NE-	64.53	130.17	025	O-S	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.770	0.10	15.680	0.19	38.823	0.18	0.83538	2.06835
o 10040-003	TUKU (ALI)	106/E/14/W:NW-015	65.97	135.42	040	OE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.071	0.11	15.674	0.15	38.321	0.17	0.86736	2.12058
o 20012-006	TWITYA	106/A/03/W:SW-	64.03	129.27	015	O-S	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.691	0.05	15.652	0.14	38.564	0.14	0.83741	2.06324
o 10013-002	UGLY (UG)	116/C/16/E:NE-075	64.87	140.03	013	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	17.096	0.07	15.542	0.13	36.729	0.17	0.90910	2.14840
o 20026-001	VIC	106/A/07/E:SE-	64.30	128.62	028	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.420	0.10	15.629	0.18	38.002	0.17	0.84848	2.06308
o 10025-001	VUG	116/A/09/W:NE-016	64.57	136.28	026	Y	B	F	B RYAN	00/00/79	1	FAIR:	GL	16.283	0.07	15.417	0.14	36.019	0.16	0.94682	2.21206
o 20009-002	WEATHER	105/P/14/W:NW-	63.97	129.28	009	D	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.761	0.06	15.700	0.14	38.574	0.19	0.83684	2.05607
o 20081-501	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.533	0.02	15.745	0.04	39.399	0.09	0.80607	2.01654
o 20081-502	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.755	0.13	15.795	0.12	39.728	0.08	0.79954	2.01104
o 20081-503	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.454	0.05	15.771	0.06	39.409	0.09	0.81068	2.02575
o 20081-504	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.625	0.01	15.781	0.04	39.546	0.05	0.80413	2.01508
o 20081-505	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.490	0.02	15.774	0.03	39.410	0.05	0.80934	2.02206
o 20081-506	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.565	0.01	15.785	0.06	39.502	0.01	0.80680	2.01901
o 20081-507	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.715	0.08	15.777	0.23	39.503	0.64	0.80025	2.00370
o 20081-508	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.723	0.01	15.803	0.08	39.722	0.01	0.80125	2.01399
o 20081-509	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.633	0.08	15.807	0.06	39.607	0.05	0.80512	2.01737
o 20081-510	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.489	0.03	15.771	0.13	39.404	0.18	0.80923	2.02186
o 20081-511	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.513	0.07	15.782	0.03	39.429	0.04	0.80879	2.02065
o 20081-512	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.516	0.15	15.785	0.25	39.475	0.15	0.80882	2.02270
o 20081-513	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.512	0.05	15.792	0.11	39.467	0.14	0.80935	2.02270
o 20081-514	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	19.422	0.05	15.763	0.04	39.292	0.07	0.81161	2.02307
o 20081-515	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	20.236	0.14	15.871	0.20	40.212	0.22	0.78429	1.98715
o 20081-516	WRIGLEY LOU	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	GL	20.089	0.05	15.860	0.07	40.067	0.07	0.78949	1.99447
o 20081-601	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	PY	19.123	0.11	15.668	0.15	38.625	0.24	0.81933	2.01982
o 20081-602	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	PY	19.034	0.06	15.670	0.04	38.789	0.17	0.82326	2.03788
o 20081-603	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	PY	19.764	0.11	15.701	0.10	39.383	0.09	0.79442	1.98266
o 20081-604	WRIGLEY LOU (PYRITE)	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00	1	UNKN:	PY	19.516	0.08	15.591	0.08	37.400	0.03	0.79888	1.91638
o 20081-AVG#	WRIGLEY LOU (GL: N=16)	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00		UNKN:	GL	19.641	0.06	15.791	0.10	39.573	0.12	0.80398	2.01482
o 20081-AVG-	WRIGLEY LOU (PY: N=4)	095/J/13/W:NW-	62.85	123.75	081	DM	B	F	BOURNE	00/00/00		UNKN:	PY	19.359	0.09	15.658	0.09	38.549	0.13	0.80882	1.98127
o 20030-001	ZIE	106/B/14/W:NW-	64.87	131.48	030	OE	B	F	B RYAN	00/00/79	1	FAIR:	GL	18.510	0.07	15.687	0.16	38.267	0.12	0.84749	2.08737

CHAPTER 6

EXPLORATION APPLICATIONS

6.1. INTRODUCTION

This Chapter is a brief survey of some notable conclusions that have been drawn from galena lead isotope analyses from deposits in the Canadian Cordillera. A more general reference to the application of lead isotopes in mineral exploration is in a recent text by Gulson (1986).

The survey below draws from published and preliminary works by our research group. Examples are picked to emphasize the different aspects of galena lead isotope interpretation, namely: fingerprinting, dating, and deposit classification and genesis. All examples, in our opinion, have direct exploration significance. They show the applicability of routine galena lead analyses in exploration problems. The averages for the groups are calculated from the detailed data listing. The appropriate data are plotted in Figure 6.1, with reference curves and isochrons as defined in Chapter 3.

6.2. FINGERPRINTING: ALICE ARM - STEWART - ISKUT AREA

Galena lead isotopes from deposits in the Alice Arm - Stewart - Iskut River areas plot in two distinct clusters (data are from Alldrick *et al.* (1987): *see* Tables 3.4 and 5.6N, Figure 6.1):

(1) group A: $^{206}Pb/^{204}Pb = 18.818$, and
$^{207}Pb/^{204}Pb = 15.611$, and

(2) group B: $^{206}Pb/^{204}Pb = 19.148$, and
$^{207}Pb/^{204}Pb = 15.622$.

These statistically distinct clusters "fingerprint" two types of deposits. Group A data are from deposits paragenetic/cogenetic with host Hazelton Group volcanic rocks. Group B data are from vein deposits that are later and related to post-accretonary Cretaceous to Tertiary granitic intrusions generated from subduction under the Intermontane Belt. Deposits with isotope ratios in Group A include the Dolly Varden mine (Table 5.6N; number 30771) in the Alice Arm area, the Premier mine (number 30494) in the Stewart area, and the Johnny Mountain deposit (number 30814) in the Iskut River area. Given that many related deposits are poorly exposed in extremely rugged terrain, and are commonly in metamorphosed and highly deformed host rocks, it is extremely difficult to determine by either normal geological observation or other isotopic techniques whether or not mineral showings are related genetically to the Hazelton Group volcanics. Analysis of galena lead isotopes, however, allows deposits to be classified unambiguously into either group A or group B.
Since deposits with lead ratios in group B are different genetically (and contain different target minerals) from those related to Group A, they should be explored for different reasons using specific exploration approaches. Historically, of course, deposits related to group A have been more productive and currently are more attractive to explorationists. A preliminary interpretation of the Stewart area has been presented by Alldrick *et al.* (1987). Devlin (1987) also has interpreted galena lead data from the Dolly Varden camp.

6.3. DATING OF VEIN DEPOSITS IN THE BEAVERDELL CAMP USING MIXING LINE ISOCHRONS

Watson *et al.* (1982) and Godwin *et al.* (1986) describe two groups of galena data from veins in the Beaverdell area of south-central British Columbia, as follows (Figure 6.1):

(1) group C: $^{206}Pb/^{204}Pb = 18.639$, and
$^{207}Pb/^{204}Pb = 15.597$, and

(2) group D: $^{206}Pb/^{204}Pb = 18.990$, and
$^{207}Pb/^{204}Pb = 15.625$.

Group C data plot on the Jurassic mixing line associated with lead from vein deposits related to the Nelson intrusions (Figures 3.2, 6.1). Group D data plot to the right of this line; therefore the deposits are Tertiary and related to Tertiary intrusions such as the Beaverdell stock. Given that group D data are from the productive, silver rich Beaverdell veins, and group C data are from the gold showings at Carmi, exploration priority for a deposit can be assigned following a single isotopic analysis of lead in a single galena specimen.

6.4. DATING OF DEPOSITS IN THE SELWYN BASIN

Within the Selwyn shale basin deposits of sedimentary exhalitive origin are known to vary in age from Cambrian (*e.g.* Faro, Table 5.6S; number 10110) to Silurian (*e.g.* Howards Pass, number 10091) to Devonian (*e.g.* Tom and Jason, numbers 10078 and 10077).
Sorting out these ages is significant in the assessment of

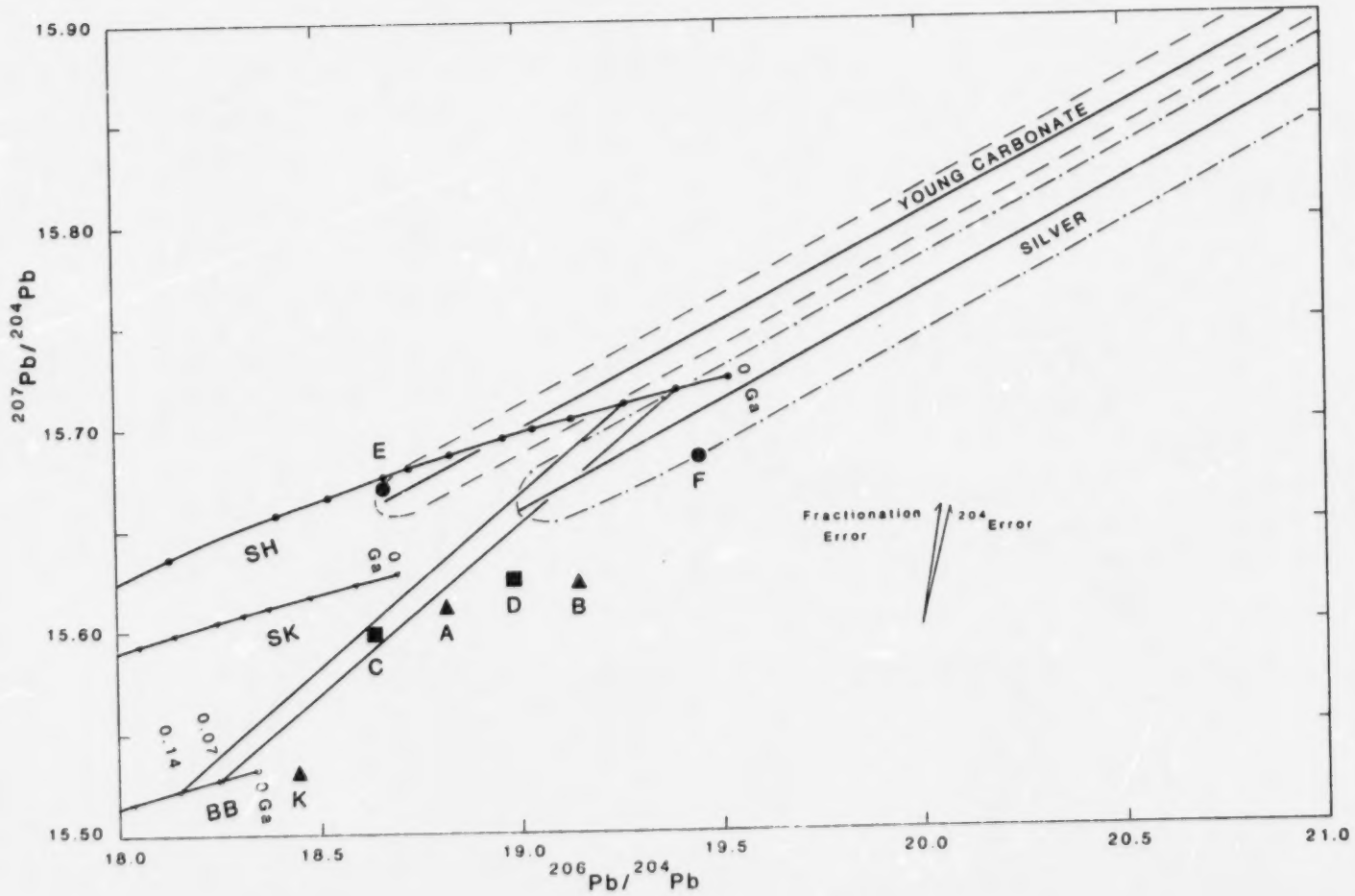

Figure 6.1. Examples of the distribution of galena lead isotope data from deposits in the Canadian Cordillera that are referred to in different sections of the text. Selwyn Basin and Marginal Fold Belt, Yukon Territory (Section 3.4.3): line marked "Young Carbonate" = Devono-Early Carboniferous carbonate hosted deposits (note that shale hosted deposits of the same age plot at the least radiogenic end of the line near point E); line called "Silver Deposits" = Cretaceous to Tertiary, intrusive generated, epigenetic silver-rich veins and replacement deposits (Keno Hill and Galena Hill plot at the least radiogenic end of the line. Intermontane Belt, central to western British Columbia (Section 6.2): A = paragenetic deposits in the Hazelton Group; B = post accretionary, epigenetic veins associated with Cretaceous-Tertiary intrusions; K = the Kutcho Creek volcanogenic deposit in the Triassic Kutcho Formation. Omineca Belt, south-central British Columbia (Section 6.3): C = Carmi-type gold veins related to the Jurassic Westkettle batholith; D = Beaverdell -type silver veins related to the Tertiary Beaverdell stock. Selwyn Basin, central Yukon Territory, Dromedary Mountain area (Section 6.4): E = Devonian shale-hosted SEDEX deposits; F = epigenetic veins and/or skarns related to Cretaceous plutons. SH, SK and BB = shale, Stacey - Kramers and Bluebell curves, respectively (see Figure 3.2 for codes of age).

the potential of the deposits, but is complicated by the fact that feeder veins to significant stratiform deposits can look identical to veins associated with Cretaceous intrusions and skarn type mineralization. The latter deposits have totally different exploration significance.

Data from the Dromedary Mountain area in the western segment of the Selwyn Basin, central Yukon Territory, fall into two groups (Figure 6.1; data are from Table 5.6S):

(1) group E: $^{206}Pb/^{204}Pb = 18.667$, and
$^{207}Pb/^{204}Pb = 15.671$, and

(2) group F: $^{206}Pb/^{204}Pb = 19.470$, and
$^{207}Pb/^{204}Pb = 15.684$.

Plotting values of these groups on Figure 3.2 shows that group E data lie on the shale curve. They represent deposits that are Devonian in age, and related to the sedimentary exhalitive type of deposit. Sulphides from showings associated with this group are pyrrhotite-rich and show bedding and other sedimentary features, although the rocks are somewhat recrystallized (G. Carlson 1986, personal communication). Group F values are more radiogenc than Group E and plot below the shale curve. They are from the silver rich, intrusion-related veins and/or skarns, as supported by the occurrence of the vein in hornfels developed around a quartz monzonite stock (G. Carlson, personal communication 1986).

The two exploration targets are markedly different. Galena lead isotopes offer a way of determining whether or not the vein mineralization in the veins is remobilized from, or genetically related to, earlier stratiform mineralization. Therefore it allows exploration priorities to be established for showings with limited exposure.

6.5. DEPOSIT CLASSIFICATION AND GENESIS OF CARBONATE HOSTED DEPOSITS

Classification of carbonate hosted lead-zinc-silver deposits is difficult to the point that most economic geologists lump many of them indiscriminantly as "Mississippi Valley Type", or "MVT" deposits. In our opinion this neglects obvious genetic differences, some of which can be clearly defined by galena lead isotope analyses. Our isotopic classification of these deposits readily distinguishes the following categories in carbonate hosted deposits (cf. Godwin et al. 1982):

(1) Category 1: those with lead isotope ratios that plot close to the shale curve. Examples include : the Pie showing in northeastern British Columbia (Table 5.6S: number 30696), the Cottonbelt showing in southeastern British Columbia (Table 5.6OE; number 30733), the Rev showing (Table 5.6F; number 20023), the Goz Creek showing (Table 5.6F; number 10033), and the Oz showing (Table 5.6F; number 10037) in central-western Northwest Territories, central-eastern Yukon Territory, and central-western Yukon Territory, respectively.

(2) Category 2: those with lead isotope ratios that plot along markedly radiogenic lines evolved from the upper crustal shale (or similar) curve. Examples include: deposits of the Mississippi valley of the United States (Heyl *et al.* 1974; Vaasjoki and Gulson 1986), the Reeves McDonald mine in south-central British Columbia (Table 5.6OE; number 30448), the Jim showing in the central-western Northwest Territories (Table 5.6F; number 20015), and the Hot showing in central Yukon Territory (Table 5.6F; number 10008) in central-western Northwest Territories. See Section 3.4.3 for the equation of the line for data from this type of deposit in the northern Canadian Cordillera.

(3) Category 3: those with lead isotope ratios that plot along markedly radiogenic lines that fall below and beyond curves like the upper crustal shale curve. Examples include the Prism (Vera) and Peso showings in central Yukon Territory (Table 5.6S; numbers 10083 and 10085 respectively). The equation of the line for data from this type of deposit in the northern Canadian Cordillera is given in Section 3.4.3.

(4) Category 4: those with lead isotope ratios that plot along mixing lines between models like the shale and Bluebell curves. Examples include the Irish deposits (*see* Vaasjoki and Gulson 1986), the Bluebell and Kootenay Florence mines in south-central British Columbia (Table 5.6OE; numbers 30623 and 30450 respectively), and the Midway deposit in north-central British Columbia (Table 5.6ON; number 30460).

Genesis of the ore deposits is distinct for each category. The following general differences are suggested here:

(1) Category 1 deposits were deposited from brines that were genetically related to those that generated shale hosted deposits, but were trapped in the carbonate platform bounding the shale basin.

(2) Category 2 deposits might have had a similar brine origin to those of category 1, but the lead became markedly enriched in radiogenic lead selectively leached from detrital zircons *etc.* in sandstone aquifers, or from older rocks through which the ore-forming solutions flowed to the site of deposition in the carbonate platforms.

(3) Category 3 deposits were deposited from hydrothermal solutions that originated from an igneous source but became enriched in a manner similar to those producing category 2 deposits. Category 3 deposits, probably because of their igneous affiliation, tend to be richer in silver than those of categories 1 and 2.

(4) Category 4 deposits have a deep, probably lower crustal (or possibly either upper mantle, or sub-

(continental)-crustal lithosphere) lead source that might or might not be associated with igneous intrusions.

Further support of these categories can be found by referring to relevent sections in the plumbotectonic discussions in Chapter 3. The most important feature relevant to explorationists is that major distinctions can be made among carbonate hosted deposits using galena lead isotope data.

CHAPTER 7

CONCLUSIONS

The first four chapters in this report are designed to provide the explorationist with a working knowledge of galena lead isotope systematics, and their interpretation using models recently established for the Canadian Cordillera. It is clear that the models can be refined by the accumulation of more accurate data interpreted with the help of a detailed geological data base, and a keen insight into the genesis of mineral deposits.

The data base presented in Chapter 5 is extensive. The quality of analyses contained is varied enough that great care has to be taken in the weight applied to the interpretation of any one analysis. Taken as a whole, however, it is apparent that a large body of data exists for interpretation as needed by explorationists. It is with this in mind that all data are carefully cross-referenced. Those interested in incorporating this lead data into existing information banks on deposits can obtain from the authors data on a DOS-compatible diskette with a dBaseIII+C format.

The lead isotope research group at the University of British Columbia has accumulated a very large collection of galena samples from deposits in the Canadian Cordillera. We plan to continue to enlarge this scientific collection and welcome documented contributions of samples. The intent would be to archive such contributed samples for future analysis as relevant projects become defined. (The data sheet of Table 5.2 should be filled out for samples submitted.) Should lead isotope analyses be required to guide exploration, results can be provided at commercial rates, from several laboratories in Western Canada. Our laboratory undertakes such work, as does G. Cumming at the University of Alberta.

The application of galena lead isotopes to mineral exploration is extremely practical, as the case histories attempt to point out. Please try applying lead isotope techniques to your exploration problems.

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APPENDIX I
LIST OF CONTRIBUTORS OF SAMPLES TO THE GALENA COLLECTION AT THE UNIVERSITY OF BRITISH COLUMBIA

(Note that contributors may have moved to other companies or organizations since submitting samples.)

Active Minerals Ltd.: C Graf.
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P Vaillancourt.
Welcome North Mines Limited: J Getty, G McArthur, M McArthur.
Westmin Resources Limited: S Dykes, R Walker.

APPENDIX 2
BASIC PROGRAMS FOR LEAD ISOTOPE CALCULATIONS

Programs in this appendix are written in the BASIC language. They are user-friendly and self-explanatory. They utilize the equations given in the text, and perform a variety of useful calculations. The programs as written are run with a printer, but may be run without a printer by removing the LPRINT statements. Short introductions to each of the programs follow.

PROG1.BAS calculates lead isotope ratios at one time, when the ratios at another specified time are known. This calculation assumes that the lead has evolved in a closed system between the two times, and that the closed system has a known *mu* (υ) value. If $^{208}Pb/^{204}Pb$ ratios are to be calculated, then the *kappa* (κ) value (Th/U) for the system must also be known. The program will calculate ratios both forwards and backwards through time from the fixed ratios at the known time. Calculations can be made for any single ratio, the $^{206}Pb/^{204}Pb$ and $^{207}Pb/^{204}Pb$ together, or all three ratios. When all three ratios are requested $^{207}Pb/^{206}Pb$ and $^{208}Pb/^{206}Pb$ ratios are also given.

PROG2.BAS calculates the *mu* and *omega* (ω) values for a system within which lead isotope ratios are known at two different times. Two independent equations are used to calculate *mu*. If the two *mu* values are very different, then the hypothesis of lead evolution in a closed system between the two times is not tenable. Note, however, that the *mu* value given by the $^{206}Pb/^{204}Pb$ equation is more robust than that given by the $^{207}Pb/^{204}Pb$ equation, because the latter is extremely sensitive to slight differences in $^{207}Pb/^{204}Pb$.

PROG3.BAS calculates the age of departure of leads from a homogeneous source (T_1) from an isochron of slope M on the $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plot, when the mineralization age (T_2) for the lead is known.

PROG4.BAS calculates the mineralization age (T_2) from an isochron of slope M on the $^{207}Pb/^{204}Pb$ *versus* $^{206}Pb/^{204}Pb$ plot, for which the age of departure of the lead from a homogeneous source (T_1) is known or estimated. An interval halving routine is used to perform the iterative calculation. Occasionally the input age T_1 is such that T_2 can not be calculated accurately. The remedy is to rerun the program and slightly alter the input data. Slope M or age T_1 can be changed fractionally to allow an approximate T_2 to be calculated.

```
10    REM ************************** PROG1 ******************************
12    REM
20    REM **** PROGRAM TO CALCULATE LEAD ISOTOPE RATIOS AT
30    REM **** ONE TIME, WHEN THE RATIOS ARE KNOWN AT ANOTHER TIME,
40    REM **** AND THE MU AND OMEGA VALUES FOR LEAD EVOLUTION BETWEEN
50    REM **** THE TWO TIMES ARE ALSO KNOWN.
52    REM
54    REM **** PROGRAM USES EQUATIONS 4 TO 6 (SECTION 2.2.4) TO
58    REM **** CALCULATE RATIOS AT T2 GIVEN RATIOS AT T1.
59    REM
60    REM ***** DECAY CONSTANT 238U TO 206PB = 0.155125E-09
70    REM ***** DECAY CONSTANT 235U TO 207PB = 0.98485E-09
80    REM ***** DECAY CONSTANT 232TH TO 208PB = 0.049475E-09
90    L1=1.55125E-10
100   L2=9.8485E-10
110   L3=4.9475E-11
120   PRINT "******* PROGRAM FOR LEAD EVOLUTION CALCULATIONS*******"
130   LPRINT "LEAD EVOLUTION CALCULATIONS"
140   PRINT "DO YOU WISH TO CALCULATE 1.RATIO (6/4), 2 RATIOS (6/4, 7/4) "
150   PRINT "OR 3 RATIOS (6/4, 7/4 AND 8/4)? ANSWER 1, 2 OR 3"
160   PRINT "OR ANSWER 4 FOR 207PB/204PB ONLY, 5 FOR 208PB/204PB ONLY"
170   INPUT A
180   PRINT "ENTER TIME AT WHICH RATIOS ARE KNOWN (MA)"
190   INPUT T1
200   LPRINT "At time"T1"Ma:"
210   T1=T1*1000000!
220   PRINT "ENTER TIME AT WHICH RATIOS ARE TO BE CALCULATED (MA)"
230   INPUT T2
240   T2=T2*1000000!
250   PRINT "ENTER MU VALUE FOR EVOLUTION BETWEEN TIMES"
260   INPUT MU
270   LPRINT "Mu ="MU
280   IF A=4 THEN 340
290   IF A=5 THEN 390
300   PRINT "ENTER 206PB/204PB KNOWN"
310   INPUT X1
320   LPRINT "206Pb/204Pb ="X1
330   IF A=1 THEN 460
340   PRINT "ENTER 207PB/204PB KNOWN"
350   INPUT Y1
360   LPRINT "207Pb/204Pb ="Y1
370   IF A=2 THEN 460
380   IF A=4 THEN 480
390   PRINT "ENTER 208PB/204PB KNOWN"
400   INPUT Z1
410   LPRINT "208Pb/204Pb ="Z1
420   PRINT "ENTER 232TH/204PB (W) VALUE"
430   INPUT W
440   LPRINT "W ="W
450   IF A=5 THEN 510
460   X2=X1+MU*(EXP(L1*T1)-EXP(L1*T2))
470   IF A=1 THEN 530
480   Y2=Y1+(MU/137.88)*(EXP(L2*T1)-EXP(L2*T2))
490   IF A=2 THEN 530
500   IF A=4 THEN 560
510   Z2=Z1+(W)*(EXP(L3*T1)-EXP(L3*T2))
520   IF A=5 THEN 600
```

```
530     PRINT "At time"T2/1000000!"Ma, 206Pb/204Pb ="X2
540     LPRINT "At time"T2/1000000!"Ma, 206Pb/204Pb ="X2
550     IF A=1 THEN 670
560     PRINT "At time"T2/1000000!"Ma, 207Pb/204Pb ="Y2
570     LPRINT "At time"T2/1000000!"Ma, 207Pb/204Pb ="Y2
580     IF A=2 THEN 670
590     IF A=4 THEN 670
600     PRINT "At time"T2/1000000!"Ma, 208Pb/204Pb ="Z2
610     LPRINT "At time"T2/1000000!"Ma, 208Pb/204Pb ="Z2
620     IF A=5 THEN 670
630     LPRINT "207Pb/206Pb ="Y2/X2", 208Pb/206Pb ="Z2/X2
640     PRINT "207PB/206PB ="Y2/X2", 208PB/206PB ="Z2/X2
650     LPRINT
660     LPRINT
670     PRINT "DO YOU WISH TO REPEAT THIS CALCULATION?"
680     PRINT "TYPE 1 TO RERUN PROGRAM USING NEW PARAMETERS"
690     PRINT "TYPE 2 TO END PROGRAM"
700     PRINT "TYPE 3 TO CHANGE TIME AT WHICH RATIOS ARE TO BE CALCULATED"
710     INPUT Y
720     IF Y=1 GOTO 10
730     IF Y=2 GOTO 820
740     PRINT "ENTER NEW TIME AT WHICH RATIOS ARE TO BE CALCULATED (MA)"
750     INPUT T2
760     T2=T2*1000000!
770     IF A=1 GOTO 460
780     IF A=2 GOTO 460
790     IF A=3 GOTO 460
800     IF A=4 GOTO 480
810     IF A=5 GOTO 510
820     END
```

```
10    REM ***************************  PROG2  *********************************
12    REM
20    REM ***********  MU AND OMEGA CALCULATIONS  ***********
30    REM **** X1,Y1 AT TIME T1, AND X2, Y2 AT TIME T2 MUST BE KNOWN
40    REM ****     THIS PROGRAM CALCULATES TWO VALUES FOR MU, USING TWO
50    REM **** DIFFERENT EQUATIONS (EQUATIONS 4 AND 5, SECTION 2.2.2.)
60    REM **** IF THESE VALUES ARE VERY DIFFERENT, THEN THE ASSUMPTION
70    REM **** THAT THE TWO LEADS ARE RELATED BY SIMPLE LEAD EVOLUTION COULD
80    REM **** BE INCORRECT. THE MU VALUE GIVEN BY THE 206PB/204PB EQUATION
90    REM **** GENERALLY GIVES A MORE ACCURATE ESTIMATE OF MU.
100   REM ****     THE PROGRAM MAY BE USED TO CALCULATE ONLY ONE VALUE FOR MU,
110   REM **** USING EITHER EQUATION. SIMPLY USE A DUMMY VALUE FOR THE OTHER
120   REM **** RATIO AND IGNORE THE UNWANTED MU VALUE.
130   REM ***** L1=DECAY CONSTANT 238U TO 206PB = 0.155125 X 10E-09
140   REM ***** L2=DECAY CONSTANT 235U TO 207PB = 0.98485 X 10E-09
145   REM ***** L3=DECAY CONSTANT 232TH TO 208PB = 0.049475 X 10E-09
150   REM ***** T1 AND T2 ARE IN YEARS X 10E+06
160   LPRINT "MU CALCULATION"
170   L1=1.55125E-10
180   L2=9.8485E-10
185   L3=4.9475E-11
190   PRINT "MU CALCULATION USING PROG2"
200   PRINT "ENTER OLDER TIME T1 (MA)"
210   INPUT T1
220   T1=T1*1000000!
230   PRINT "ENTER YOUNGER TIME T2 (MA)"
240   INPUT T2
250   T2=T2*1000000!
260   PRINT "ENTER 206PB/204PB FOR TIME T1"
270   INPUT X1
280   PRINT "ENTER 207PB/204PB FOR TIME T1"
290   INPUT Y1
294   PRINT "ENTER 208PB/204PB FOR TIME T1"
296   INPUT Z1
300   PRINT "ENTER 206PB/204PB FOR TIME T2"
310   INPUT X2
320   PRINT "ENTER 207PB/204PB FOR TIME T2"
330   INPUT Y2
334   PRINT "ENTER 208PB/204PB FOR TIME T2"
336   INPUT Z2
340   MU206=(X2-X1)/(EXP(L1*T1)-EXP(L1*T2))
350   MU207=((Y2-Y1)*137.88)/(EXP(L2*T1)-EXP(L2*T2))
355   W=(Z2-Z1)/(EXP(L3*T1)-EXP(L3*T2))
360   PRINT "Mu ="MU206"for mu calculated using 206Pb/204Pb equation"
370   PRINT "Mu ="MU207"for mu calculated using 207Pb/204Pb equation"
375   PRINT "Omega ="W"for omega calculated using 208Pb/204Pb equation"
380   LPRINT "Time T1 ="T1/1000000!"Ma, time T2 ="T2/1000000!"Ma"
390   LPRINT "6/4Pb, 7/4Pb, 8/4Pb at" T1/1000000!"Ma ="X1","Y1","Z1
400   LPRINT "6/4Pb, 7/4Pb, 8/4Pb at" T2/1000000!"Ma ="X2","Y2","Z2
410   LPRINT "Using the 206Pb/204Pb equation, mu ="MU206
420   LPRINT "Using the 207Pb/204Pb equation, mu ="MU207
430   LPRINT "Using the 208Pb/204Pb equation, W = "W
440   LPRINT
450   END
```

```
10    REM ************************  PROG3  ************************************
12    REM
20    REM **** PROGRAM TO CALCULATE TIME OF DEPARTURE OF LEADS FROM A
30    REM **** HOMOGENEOUS SOURCE (T1), FOR GALENAS OF KNOWN MINERALIZATION
40    REM **** AGE (T2), WHICH PRODUCE A LINEAR ARRAY OF SLOPE M IN THE
50    REM **** 207PB/204PB VERSUS 206PB/204PB PLOTS.
51    REM
52    REM **** CALULATION OF T1 GIVEN M AND T2, USING EQUATION 7, SECTION 2.2.2.
60    REM ********* THE CALCULATION IS ITERATIVE ******
70    LPRINT "SOURCE AGE (T1) CALCULATION"
80    L1=1.55125E-10
90    L2=9.8485E-10
100   PRINT "PROG3: ISOCHRON AGE CALCULATIONS"
110   PRINT "DO YOU WISH TO  CALCULATE THE SLOPE BETWEEN TWO POINTS?"
120   PRINT "Y=1, N=2"
130   INPUT Y
140   IF Y=2 GOTO 210
150   PRINT "ENTER POINTS: X1, Y1, X2, Y2"
160   INPUT X1,Y1,X2,Y2
170   M=(Y1-Y2)/(X1-X2)
180   LPRINT "SLOPE IS M ="M
190   PRINT "SLOPE M ="M
200   GOTO 240
210   PRINT "ENTER SLOPE OF LINEAR ARRAY"
220   INPUT M
230   LPRINT "Slope M ="M
240   PRINT "ENTER MINERALIZATION AGE TM (MA)"
250   INPUT TM
260   TM=TM*1000000!
270   REM *** CHECK THAT THE LINEAR ARRAY IS NOT TOO STEEP TO BE AN ISOCHRON
280   T=4.57E+09
290   GOSUB 530
300   IF M>M1 THEN 310 ELSE 330
310   PRINT "M IS TOO STEEP TO BE AN ISOCHRON"
320   GOTO 520
330   T2=TM
340   T1=T
350   T=(T1+T2)/2
360   GOSUB 530
370   IF (M1-M)^2 <4E-12 THEN 440
380   IF M1>M THEN 410
390   T2=T
400   GOTO 420
410   T1=T
420   T=(T1+T2)/2
430   GOTO 360
440   PRINT "AGE T1 ="T/1000000!"Ma FOR MINERALIZATION AGE T2 ="TM/1000000!"Ma""
450   LPRINT "Age T1 ="T/1000000!"Ma for mineralization age T2 ="TM/1000000!"Ma"
460   LPRINT
470   LPRINT
480   PRINT "DO YOU WISH TO REPEAT CALCULATION FOR A DIFFERENT"
490   PRINT "MINERALIZATION AGE? Y=1, N=2
500   INPUT N
510   IF N=1 GOTO 240
520   END
530   M1=(1/137.88)*((EXP(L2*T)-EXP(L2*TM))/(EXP(L1*T)-EXP(L1*TM)))
540   RETURN
```

```
10    REM ************************  PROG4  **********************************
12    REM
20    REM **** PROGRAM TO CALCULATE MINERALIZATION AGE (T2) FROM THE SLOPE M OF
30    REM **** A LINEAR ARRAY IN THE 206PB/204PB PLOT WHICH IS INTERPRETED AS
40    REM **** AN ISOCHRON, FOR THE CASE IN WHICH T1, TIME OF DEPARTURE OF
50    REM **** LEADS FROM HOMOGENEOUS SOURCE, IS KNOWN OR ESTIMATED.
52    REM
54    REM **** CALCULATE T2 GIVEN M AND T1
56    REM
60    REM ********* THE CALCULATION IS ITERATIVE *********
70    LPRINT "MINERALIZATION AGE CALCULATION"
80    L1=1.55125E-10
90    L2=9.8485E-10
100   PRINT "PROG4: ISOCHRON CALCULATION - MINERALIZATION AGE"
110   PRINT "DO YOU WISH TO CALCULATE A SLOPE FROM TWO KNOWN POINTS?"
120   PRINT "Y=1, N=2"
130   INPUT Y
140   IF Y=2 GOTO 210
150   PRINT "ENTER POINTS: X1,Y1,X2,Y2"
160   INPUT X1,Y1,X2,Y2
170   M=(Y1-Y2)/(X1-X2)
180   PRINT "SLOPE M ="M
190   LPRINT "Slope M ="M
200   GOTO 230
210   PRINT "ENTER SLOPE OF LINEAR ARRAY"
220   INPUT M
230   PRINT "ENTER T1 (MA), AGE OF DEPARTURE FROM HOMOGENEOUS SYSTEM"
240   INPUT TD
250   TD=TD*1000000!
260   REM *** CHECK THAT THE LINEAR ARRAY IS NOT TOO SHALLOW TO BE AN ISOCHRON
270   T=0
280   A=1
290   GOSUB 640
300   IF M<M1 THEN 310 ELSE 330
310   PRINT "M IS TOO SHALLOW TO BE AN ISOCHRON"
320   GOTO 590
330   REM *** CHECK THAT T1 IS A POSSIBLE ESTIMATE
340   T=TD-5000000!
350   GOSUB 640
360   T=0
370   IF M1<M GOTO 380 ELSE 400
380   PRINT "T1 IS NOT A SUITABLE VALUE. CHOOSE AN OLDER T1"
390   GOTO 230
400   T=(T+TD)/2
410   GOSUB 640
420   A=A+1
430   IF A=20 THEN 440 ELSE 470
440   PRINT "interval halving - ages not converging: rerun program with"
450   PRINT "slightly different estimates for T1 or slope M."
460   GOTO 630
470   IF (M1-M)^2 <4E-10 THEN 540
480   IF M1>M THEN 510
490   T2=T
500   GOTO 520
```

```
510  T1=T
520  T=(T1+T2)/2
530  GOTO 410
540  PRINT "MINERALIZATION AGE ="T/1000000!"Ma FOR T1 ="TD/1000000!"Ma"
550  LPRINT "Mineralization age ="T/1000000!"Ma for T1 ="TD/1000000!"Ma"
560  LPRINT "slope of isochron ="M
570  LPRINT
580  LPRINT
590  PRINT "DO YOU WISH TO REPEAT CALCULATION USING A NEW T1?"
600  PRINT "Y=1, N=2"
610  INPUT N
620  IF N=1 GOTO 230
630  END
640  M1=(1/137.88)*((EXP(L2*TD)-EXP(L2*T))/(EXP(L1*TD)-EXP(L1*T)))
650  RETURN
```

APPENDIX 3

HEWLETT-PACKARD HP-41CV HAND CALCULATOR PROGRAMS FOR LEAD ISOTOPE CALCULATIONS

Programs in this appendix are written for the Hewlett-Packard HP-41CV programmable hand calculator. They are user-friendly and self-explanatory. They are presented because a computer might not be available. Indeed, field interpretation is feasible with these programs. They utilize the equations given in the text, and perform a variety of useful calculations. The programs as written are run with a printer, but may be run without a printer by reading screen output.

Programs "PB206"and "PB207" have five unknowns (isotope ratios at a starting time (NT_1), isotope ratios at an ending time (NT_2), a measure of the uranium content of the evolving reservoir (MU), the starting time for lead evolution (T_1), and the ending time for the evolution of the lead (T_2)). Given any four of these parameters, the fifth can be calculated. The "PB208" program is similar except that, instead of uranium content, a measure of the thorium content (W) is required. These calculations assume that the lead evolved in a closed system between the two times--that is, the system has a constant μ and/or ω value.

Program "PB CALC" is similar to the above programs except that the starting time (T_1) and ending time (T_2) must be entered. The program works with all of the following ratios together: $^{206}Pb/^{204}Pb$, $^{207}Pb/^{204}Pb$ and $^{208}Pb/^{204}Pb$.

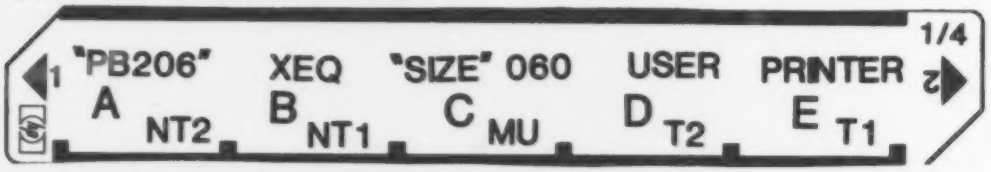
Coding for the magnetic card, instructions for data entry and analysis, operating limits and warnings, example calculations, and a program listing for each program follow.

****

PROGRAM: "PB206" FOR THE HP-41CV.

Closed system calculations for $^{206}Pb/^{204}Pb$.

CODING FOR THE MAGNETIC CARD:



INSTRUCTIONS FOR DATA ENTRY AND ANALYSIS:

Press one of the following to calculate the appropriate unknown parameter:
"A" to calculate the ratio at the end of the evolution period examined (NT2);
"B" to calculate the ratio at the beginning of the evolution period examined (NT1);
"C" to calculate the *mu* value (MU), which is a measure of the uranium content in the reservoir studied;
"D" to calculate the time at the end of the evolution period studied (T2); and
"E" to calculate the time at the beginning of the evolution period studied (T1).

Enter appropriate values following prompts and continue with "R/S". Calculate required unknown by pressing "A", "B", "C", "D" or "E" when prompted.

EXAMPLE CALCULATIONS:

```
PB206 CALC

NT2 CALC
MU = 9.7400000
NT1 = 11.1520000
T1 = 3.7000000
T2 = 1.0000000
$ NT2 = 17.0688921

PB206 CALC

NT1 CALC
MU = 9.7400000
NT2 = 17.0660000
T1 = 3.7000000
T2 = 1.0000000
$ NT1 = 11.1491080

PB206 CALC

MU CALC
NT1 = 11.1520000
NT2 = 17.0660000
T1 = 3.7000000
T2 = 1.0000000
$ MU = 9.7352393
```

```
PB206 CALC

T2 CALC
MU = 9.7400000
NT1 = 11.1520000
NT2 = 17.0660000
T1 = 3.7000000
$ T2 = 1.0016389

PB206 CALC

T1 CALC
MU = 9.7400000
NT1 = 11.1520000
NT2 = 17.0660000
T2 = 1.0000000
$ T1 = 3.6989217
```

PROGRAM LISTING:

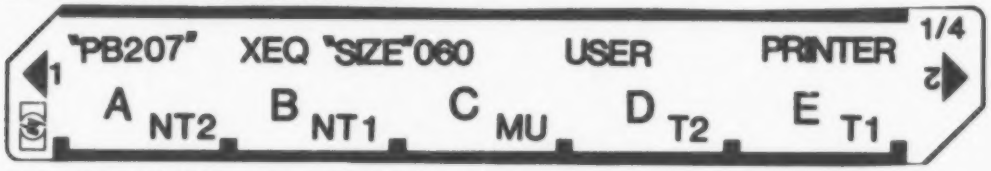
```
01*LBL "PB206"
02 "PB206 CALC"
03 AVIEW
04 ADV
05 ADV
06 FIX 7
07 .155125
08 STO 01
09 "A,B,C,D, OR E?"
10 PROMPT
11 ADV
12*LBL A
13 "NT2 CALC"
14 AVIEW
15 "MU?"
16 PROMPT
17 STO 06
18 "MU = "
19 ARCL X
20 AVIEW
21 "NT1?"
22 PROMPT
23 STO 08
24 "NT1 = "
25 ARCL X
26 AVIEW
27 "T1?"
28 PROMPT
29 STO 10
30 "T1 = "
31 ARCL X
32 AVIEW
33 "T2?"
34 PROMPT
35 STO 12
36 "T2 = "
37 ARCL X
38 AVIEW
39 RCL 01
40 RCL 10
41 *
42 E↑X
43 RCL 01
44 RCL 12
45 *
46 E↑X
47 -
48 RCL 06
49 *
50 RCL 08
51 +
52 STO 50
53 "$ NT2 = "
54 ARCL X
55 AVIEW
56 ADV
57 RTN
58*LBL B
59 "NT1 CALC"
60 AVIEW
61 "MU?"
62 PROMPT
63 STO 06
64 "MU = "
65 ARCL X
66 AVIEW
67 "NT2?"
68 PROMPT
69 STO 09
70 "NT2 = "
71 ARCL X
72 AVIEW
73 "T1?"
74 PROMPT
75 STO 10
76 "T1 = "
77 ARCL X
78 AVIEW
79 "T2?"
80 PROMPT
81 STO 12
82 "T2 = "
83 ARCL X
84 AVIEW
85 RCL 01
86 RCL 10
87 *
88 E↑X
89 RCL 01
90 RCL 12
91 *
92 E↑X
93 -
94 RCL 06
95 *
96 CHS
97 RCL 09
98 +
99 STO 51
100 "$ NT1 = "
101 ARCL X
102 AVIEW
103 ADV
104 RTN
105*LBL C
106 "MU CALC"
107 AVIEW
108 "NT1?"
109 PROMPT
110 STO 08
111 "NT1 = "
112 ARCL X
113 AVIEW
114 "NT2"
115 PROMPT
116 STO 09
117 "NT2 = "
118 ARCL X
119 AVIEW
120 "T1?"
121 PROMPT
122 STO 10
123 "T1 = "
124 ARCL X
125 AVIEW
126 "T2?"
127 PROMPT
128 STO 12
129 "T2 = "
130 ARCL X
131 AVIEW
132 RCL 09
133 RCL 08
134 -
135 RCL 01
136 RCL 10
137 *
138 E↑X
139 RCL 01
140 RCL 12
141 *
142 E↑X
143 -
144 /
145 STO 52
146 "$ MU = "
147 ARCL X
148 AVIEW
149 ADV
150 RTN
151*LBL D
152 "T2 CALC"
153 AVIEW
154 "MU?"
155 PROMPT
156 STO 06
157 "MU = "
158 ARCL X
159 AVIEW
160 "NT1?"
161 PROMPT
162 STO 08
163 "NT1 = "
164 ARCL X
165 AVIEW
166 "NT2?"
167 PROMPT
168 STO 09
169 "NT2 = "
170 ARCL X
171 AVIEW
172 "T1?"
173 PROMPT
174 STO 10
175 "T1 = "
176 ARCL X
177 AVIEW
178 RCL 09
179 RCL 08
180 -
181 RCL 06
182 /
183 CHS
184 RCL 01
185 RCL 10
186 *
187 E↑X
188 +
189 LN
190 RCL 01
191 /
192 STO 53
193 "$ T2 = "
194 ARCL X
195 AVIEW
196 ADV
197 RTN
198*LBL E
199 "T1 CALC"
200 AVIEW
201 "MU?"
202 PROMPT
203 STO 06
204 "MU = "
205 ARCL X
206 AVIEW
207 "NT1?"
208 PROMPT
209 STO 08
210 "NT1 = "
211 ARCL X
212 AVIEW
213 "NT2?"
214 PROMPT
215 STO 09
216 "NT2 = "
217 ARCL X
218 AVIEW
219 "T2?"
220 PROMPT
221 STO 12
222 "T2 = "
223 ARCL X
224 AVIEW
225 RCL 09
226 RCL 08
227 -
228 RCL 06
229 /
230 RCL 01
231 RCL 12
232 *
233 E↑X
234 +
235 LN
236 RCL 01
237 /
238 STO 54
239 "$ T1 = "
240 ARCL X
241 AVIEW
242 ADV
243 RTN
244 END
```

****

PROGRAM: "PB207" FOR THE HP-41CV.

Closed system calculations for $^{207}Pb/^{204}Pb$.

CODING FOR THE MAGNETIC CARD:



INSTRUCTIONS FOR DATA ENTRY AND ANALYSIS:

Press one of the following to calculate the appropriate unknown parameter:
"A" to calculate the ratio at the end of the evolution period examined (NT2);
"B" to calculate the ratio at the beginning of the evolution period examined (NT1);
"C" to calculate the *mu* value (MU), which is a measure of the uranium content in the reservoir studied;
"D" to calculate the time at the end of the evolution period studied (T2); and
"E" to calculate the time at the beginning of the evolution period studied (T1).

Enter appropriate values following prompts and continue with "R/S". Calculate required unknown by pressing "A", "B", "C", "D" or "E" when prompted.

EXAMPLE CALCULATIONS:

```
PB207 CALC

NT2 CALC
MU = 9.7400000
NT1 = 12.9980000
T1 = 3.7000000
T2 = 1.0000000
$ NT2 = 15.5103517

PB207 CALC

NT1 CALC
MU = 9.7400000
NT2 = 15.5090000
T1 = 3.7000000
T2 = 1.0000000
$ NT1 = 12.9966483

PB207 CALC

MU CALC
NT1 = 12.9980000
NT2 = 15.5090000
T1 = 3.7000000
T2 = 1.0000000
$ MU = 9.7347595
```

```
PB207 CALC

T2 CALC
MU = 9.7400000
NT1 = 12.9980000
NT2 = 15.5090000
T1 = 3.7000000
$ T2 = 1.0072310

PB207 CALC

T1 CALC
MU = 9.7400000
NT1 = 12.9980000
NT2 = 15.5090000
T2 = 1.0000000
$ T1 = 3.6994910
```

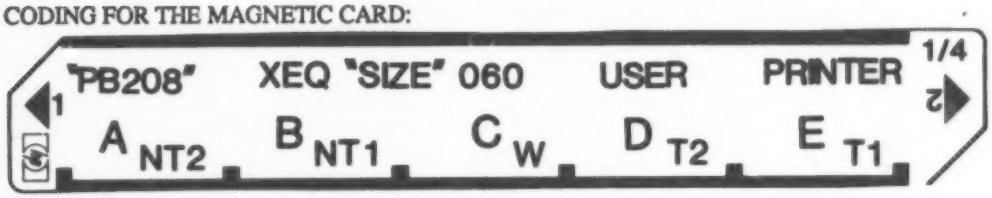
PROGRAM LISTING:

```
01*LBL "PB207"
02 "PB207 CALC"
03 AVIEW
04 ADV
05 ADV
06 FIX 7
07 .98465
08 STO 01
09 137.88
10 STO 04
11 "A,B,C,D, OR E?"
12 PROMPT
13 ADV
14*LBL A
15 "NT2 CALC"
16 AVIEW
17 "MU?"
18 PROMPT
19 "MU = "
20 ARCL X
21 AVIEW
22 RCL 04
23 /
24 STO 06
25 "NT1?"
26 PROMPT
27 STO 08
28 "NT1 = "
29 ARCL X
30 AVIEW
31 "T1?"
32 PROMPT
33 STO 10
34 "T1 = "
35 ARCL X
36 AVIEW
37 "T2?"
38 PROMPT
39 STO 12
40 "T2 = "
41 ARCL X
42 AVIEW
43 RCL 01
44 RCL 10
45 *
46 E↑X
47 RCL 01
48 RCL 12
49 *
50 E↑X
51 -
52 RCL 06
53 *
54 RCL 08
55 +
56 STO 50
57 "$ NT2 = "
58 ARCL X
59 AVIEW
60 ADV
61 RTN
62*LBL B
63 "NT1 CALC"
64 AVIEW
65 "MU?"
66 PROMPT
67 "MU = "
68 ARCL X
69 AVIEW
70 RCL 04
71 /
72 STO 06
73 "NT2?"
74 PROMPT
75 STO 09
76 "NT2 = "
77 ARCL X
78 AVIEW
79 "T1?"
80 PROMPT
81 STO 10
82 "T1 = "
83 ARCL X
84 AVIEW
85 "T2?"
86 PROMPT
87 STO 12
88 "T2 = "
89 ARCL X
90 AVIEW
91 RCL 01
92 RCL 10
93 *
94 E↑X
95 RCL 01
96 RCL 12
97 *
98 E↑X
99 -
100 RCL 06
101 *
102 CHS
103 RCL 09
104 +
105 STO 51
106 "$ NT1 = "
107 ARCL X
108 AVIEW
109 ADV
110 RTN
111*LBL C
112 "MU CALC"
113 AVIEW
114 "NT1?"
115 PROMPT
116 STO 08
117 "NT1 = "
118 ARCL X
119 AVIEW
120 "NT2?"
121 PROMPT
122 STO 09
123 "NT2 = "
124 ARCL X
125 AVIEW
126 "T1?"
127 PROMPT
128 STO 10
129 "T1 = "
130 ARCL X
131 AVIEW
132 "T2?"
133 PROMPT
134 STO 12
135 "T2 = "
136 ARCL X
137 AVIEW
138 RCL 09
139 RCL 08
140 -
141 RCL 04
142 *
143 RCL 01
144 RCL 10
145 *
146 E↑X
147 RCL 01
148 RCL 12
149 *
150 E↑X
151 -
152 /
153 STO 52
154 "$ MU = "
155 ARCL X
156 AVIEW
157 ADV
158 RTN
159*LBL D
160 "T2 CALC"
161 AVIEW
162 "MU?"
163 PROMPT
164 "MU = "
165 ARCL X
166 AVIEW
167 RCL 04
168 /
169 STO 06
170 "NT1?"
171 PROMPT
172 STO 08
173 "NT1 = "
174 ARCL X
175 AVIEW
176 "NT2?"
177 PROMPT
178 STO 09
179 "NT2 = "
180 ARCL X
181 AVIEW
182 "T1?"
183 PROMPT
184 STO 10
185 "T1 = "
186 ARCL X
187 AVIEW
188 RCL 09
189 RCL 08
190 -
191 RCL 06
192 /
193 CHS
194 RCL 01
195 RCL 10
196 *
197 E↑X
198 +
199 LN
200 RCL 01
201 /
202 STO 53
203 "$ T2 = "
204 ARCL X
205 AVIEW
206 ADV
207 RTN
208*LBL E
209 "T1 CALC"
210 AVIEW
211 "MU?"
212 PROMPT
213 "MU = "
214 ARCL X
215 AVIEW
216 RCL 04
217 /
218 STO 06
219 "NT1?"
220 PROMPT
221 STO 08
222 "NT1 = "
223 ARCL X
224 AVIEW
225 "NT2?"
226 PROMPT
227 STO 09
228 "NT2 = "
229 ARCL X
230 AVIEW
231 "T2?"
232 PROMPT
233 STO 12
234 "T2 = "
235 ARCL X
236 AVIEW
237 RCL 09
238 RCL 08
239 -
240 RCL 06
241 /
242 RCL 01
243 RCL 12
244 *
245 E↑X
246 +
247 LN
248 RCL 01
249 /
250 STO 54
251 "$ T1 = "
252 ARCL X
253 AVIEW
254 ADV
255 RTN
256 .END.
```

PROGRAM: "PB208" FOR THE HP-41CV.

Closed system calculations for $^{208}Pb/^{204}Pb$.

CODING FOR THE MAGNETIC CARD:



INSTRUCTIONS FOR DATA ENTRY AND ANALYSIS:

Press one of the following to calculate the appropriate unknown parameter:
"A" to calculate the ratio at the end of the evolution period examined (NT2);
"B" to calculate the ratio at the beginning of the evolution period examined (NT1);
"C" to calculate the *mu* value (MU), which is a measure of the uranium content in the reservoir studied;
"D" to calculate the time at the end of the evolution period studied (T2); and
"E" to calculate the time at the beginning of the evolution period studied (T1).

Enter appropriate values following prompts and continue with "R/S". Calculate required unknown by pressing "A", "B", "C", "D" or "E" when prompted.

EXAMPLE CALCULATIONS:

```
PB208 CALC

NT2 CALC
W = 36.8400000
NT1 = 31.2300000
T1 = 3.7000000
T2 = 1.0000000
$ NT2 = 36.7620467

PB208 CALC

NT1 CALC
W = 36.8400000
NT2 = 36.7620000
T1 = 3.7000000
T2 = 1.0000000
$ NT1 = 31.2299533

PB208 CALC

W CALC
NT1 = 31.2300000
NT2 = 36.7620000
T1 = 3.7000000
T2 = 1.0000000
$ W = 36.8396093
```

```
PB208 CALC

T2 CALC
W = 36.8400000
NT1 = 31.2300000
NT2 = 36.7620000
T1 = 3.7000000
$ T2 = 1.0000244

PB208 CALC

T1 CALC
W = 36.8400000
NT1 = 31.2300000
NT2 = 36.7620000
T2 = 1.0000000
$ T1 = 3.6999787
```

PROGRAM LISTING:

```
01*LBL "PB208"
02 "PB208 CALC"
03 AVIEW
04 ADV
05 ADV
06 FIX 7
07 .049475
08 STO 01
09 "A,B,C,D, OR E?"
10 PROMPT
11 ADV
12*LBL A
13 "NT2 CALC"
14 AVIEW
15 "W?"
16 PROMPT
17 STO 06
18 "W = "
19 ARCL X
20 AVIEW
21 "NT1?"
22 PROMPT
23 STO 08
24 "NT1 = "
25 ARCL X
26 AVIEW
27 "T1?"
28 PROMPT
29 STO 10
30 "T1 = "
31 ARCL X
32 AVIEW
33 "T2?"
34 PROMPT
35 STO 12
36 "T2 = "
37 ARCL X
38 AVIEW
39 RCL 01
40 RCL 10
41 *
42 E↑X
43 RCL 01
44 RCL 12
45 *
46 E↑X
47 -
48 RCL 06
49 *
50 RCL 08
51 +
52 STO 50
53 "$ NT2 = "
54 ARCL X
55 AVIEW
56 ADV
57 RTN
58*LBL B
59 "NT1 CALC"
60 AVIEW
61 "W?"
62 PROMPT
63 STO 06
64 "W = "
65 ARCL X
66 AVIEW
67 "NT2?"
68 PROMPT
69 STO 09
70 "NT2 = "
71 ARCL X
72 AVIEW
73 "T1?"
74 PROMPT
75 STO 10
76 "T1 = "
77 ARCL X
78 AVIEW
79 "T2?"
80 PROMPT
81 STO 12
82 "T2 = "
83 ARCL X
84 AVIEW
85 RCL 01
86 RCL 10
87 *
88 E↑X
89 RCL 01
90 RCL 12
91 *
92 E↑X
93 -
94 RCL 06
95 *
96 CHS
97 RCL 09
98 +
99 STO 51
100 "$ NT1 = "
101 ARCL X
102 AVIEW
103 ADV
104 RTN
105*LBL C
106 "W CALC"
107 AVIEW
108 "NT1?"
109 PROMPT
110 STO 08
111 "NT1 = "
112 ARCL X
113 AVIEW
114 "NT2?"
115 PROMPT
116 STO 09
117 "NT2 = "
118 ARCL X
119 AVIEW
120 "T1?"
121 PROMPT
122 STO 10
123 "T1 = "
124 ARCL X
125 AVIEW
126 "T2?"
127 PROMPT
128 STO 12
129 "T2 = "
130 ARCL X
131 AVIEW
132 RCL 09
133 RCL 08
134 -
135 RCL 01
136 RCL 10
137 *
138 E↑X
139 RCL 01
140 RCL 12
141 *
142 E↑X
143 -
144 /
145 STO 52
146 "$ W = "
147 ARCL X
148 AVIEW
149 ADV
150 RTN
151*LBL D
152 "T2 CALC"
153 AVIEW
154 "W?"
155 PROMPT
156 STO 06
157 "W = "
158 ARCL X
159 AVIEW
160 "NT1?"
161 PROMPT
162 STO 08
163 "NT1 = "
164 ARCL X
165 AVIEW
166 "NT2?"
167 PROMPT
168 STO 09
169 "NT2 = "
170 ARCL X
171 AVIEW
172 "T1?"
173 PROMPT
174 STO 10
175 "T1 = "
176 ARCL X
177 AVIEW
178 RCL 09
179 RCL 09
180 -
181 RCL 06
182 /
183 CHS
184 RCL 01
185 RCL 10
186 *
187 E↑X
188 +
189 LN
190 RCL 01
191 /
192 STO 53
193 "$ T2 = "
194 ARCL X
195 AVIEW
196 ADV
197 RTN
198*LBL E
199 "T1 CALC"
200 AVIEW
201 "W?"
202 PROMPT
203 STO 06
204 "W = "
205 ARCL X
206 AVIEW
207 "NT1?"
208 PROMPT
209 STO 08
210 "NT1 = "
211 ARCL X
212 AVIEW
213 "NT2?"
214 PROMPT
215 STO 09
216 "NT2 = "
217 ARCL X
218 AVIEW
219 "T2?"
220 PROMPT
221 STO 12
222 "T2 = "
223 ARCL X
224 AVIEW
225 RCL 09
226 RCL 08
227 -
228 RCL 06
229 /
230 RCL 01
231 RCL 12
232 *
233 E↑X
234 +
235 LN
236 RCL 01
237 /
238 STO 54
239 "$ T1 = "
240 ARCL X
241 AVIEW
242 ADV
243 RTN
244 .END.
```

****

PROGRAM: "PB CALC" FOR THE HP-41CV.

CODING FOR THE MAGNETIC CARD:

INSTRUCTIONS FOR DATA ENTRY AND ANALYSIS:

Press one of the following to calculate the appropriate unknown parameter:
"A" to calculate the ratio at the end of the evolution period examined (NT2);
"a" to calculate the ratio at the beginning of the evolution period examined (NT1);
"B" to calculate the *mu* value (U), which is a measure of the uranium content in the reservoir studied; and
"b" to calculate the *omega* value (W), which is a measure of the thorium content in the reservoir studied.

Prompts display entered values that initialize the program. These can be revised by entering a new number before pressing "R/S". Unknowns are entered as zero. Desired unknown is calculated by pressing "A", "a", "B" or "b" when prompted.

OPERATING LIMITS AND WARNINGS:

Isotopic ratios (NT2 or NT1) must be known or calculated before *mu* (U) or *omega* (W) can be calculated. *Mu* (MU) must be calculated before *omega* (W).

"U AVG" equals arithmetic average of *mu* calculated from $^{206}Pb/^{204}Pb$ and $^{207}Pb/^{204}Pb$. "U ALL" and "W ALL" are calculated from mathematical expressions that incorporate more than one lead isotope ratio into a single expression.

EXAMPLE CALCULATIONS:

```
PB206,7,8/4Σ/6
CALCULATIONS

KNOWN VALUES
206/4NT1 = 11.1520
207/4NT1 = 12.9980
208/4NT1 = 31.2300
206/4NT2 = 0.0000
207/4NT2 = 0.0000
208/4NT2 = 0.0000
U = 9.7400
W = 36.8400
T1 = 3.7000
T2 = 1.0000

CALC. VALUES
206/4NT2 = 17.06889205
207/4NT2 = 15.51035173
208/4NT2 = 36.76200000
207/6NT2 = 0.90869118
208/6NT2 = 2.15374260
```

```
PB206,7,8/4Σ/6
CALCULATIONS

KNOWN VALUES
206/4NT1 = 0.0000
207/4NT1 = 0.0000
208/4NT1 = 0.0000
206/4NT2 = 17.0660
207/4NT2 = 15.5090
208/4NT2 = 36.7620
U = 9.7400
W = 36.8400
T1 = 3.7000
T2 = 1.0000

CALC. VALUES
206/4NT1 = 11.14910795
207/4NT1 = 12.99664827
208/4NT1 = 31.22995334
207/6NT1 = 1.16571194
208/6NT1 = 2.80111678
```

```
PB206,7,8/4Σ/6
CALCULATIONS

KNOWN VALUES
206/4NT1 = 11.1520
207/4NT1 = 12.9980
208/4NT1 = 31.2300
206/4NT2 = 17.0660
207/4NT2 = 15.5090
208/4NT2 = 36.7620
U = 0.0000
W = 0.0000
T1 = 3.7000
T2 = 1.0000

CALC. VALUES
U206 = 9.73523930
U207 = 9.73475954
U AVG = 9.73499942
U ALL = 9.73566005
W208 = 36.83968928
W ALL = 36.84335587
```

PROGRAM LISTING:

```
01*LBL "PB CALC"
02 "PB206,7,8/4Σ/6 "
03 AVIEW
04 "CALCULATIONS"
05 AVIEW
06 ADV
07 FIX 8
08 .155125
09 STO 01
10 .98485
11 STO 02
12 .049475
13 STO 03
14 FIX 4
15 137.08
16 STO 04
17 "KNOWN VALUES"
18 AVIEW
19 RCL 05
20 "206/4NT1 = "
21 ARCL X
22 PROMPT
23 STO 05
24 RCL 05
25 "206/4NT1 = "
26 ARCL X
27 AVIEW
28 RCL 06
29 "207/4NT1 = "
30 ARCL X
31 PROMPT
32 STO 06
33 RCL 06
34 "207/4NT1 = "
35 ARCL X
36 AVIEW
37 RCL 07
38 "208/4NT1 = "
39 ARCL X
40 PROMPT
41 STO 07
42 RCL 07
43 "208/4NT1 = "
44 ARCL X
45 AVIEW
46 RCL 08
47 "206/4NT2 = "
48 ARCL X
49 PROMPT
50 STO 08
51 RCL 08
52 "206/4NT2 = "
53 ARCL X
54 AVIEW
55 RCL 09
56 "207/4NT2 = "
57 ARCL X
58 PROMPT
59 STO 09
60 RCL 09
61 "207/4NT2 = "
62 ARCL X
63 AVIEW
64 RCL 10
65 "208/4NT2 = "
66 ARCL X
67 PROMPT
68 STO 10
69 RCL 10
70 "208/4NT2 = "
71 ARCL X
72 AVIEW
73 RCL 11
74 "U = "
75 ARCL X
76 PROMPT
77 STO 11
78 RCL 11
79 "U = "
80 ARCL X
81 AVIEW
82 RCL 12
83 "W = "
84 ARCL X
85 PROMPT
86 STO 12
87 RCL 12
88 "W = "
89 ARCL X
90 AVIEW
91 RCL 13
92 "T1 = "
93 ARCL X
94 PROMPT
95 STO 13
96 RCL 13
97 "T1 = "
98 ARCL X
99 AVIEW
100 RCL 14
101 "T2 = "
102 ARCL X
103 PROMPT
104 STO 14
105 RCL 14
106 "T2 = "
107 ARCL X
108 AVIEW
109 FIX 8
110 ADV
111 "CALC. VALUES"
112 AVIEW
113 "A,a,B,b?"
114 PROMPT
115*LBL A
116 XEQ 01
117 XEQ 02
118 XEQ 03
119 RCL 21
120 RCL 05
121 +
122 STO 08
123 "206/4NT2 = "
124 ARCL X
125 AVIEW
126 RCL 20
127 RCL 06
128 +
129 STO 09
130 "207/4NT2 = "
131 ARCL X
132 AVIEW
133 RCL 22
134 RCL 07
135 +
136 STO 10
137 "208/4NT2 = "
138 ARCL X
139 AVIEW
140 RCL 09
141 RCL 08
142 /
143 STO 25
144 "207/6NT2 = "
145 ARCL X
146 AVIEW
147 RCL 10
148 RCL 08
149 /
150 STO 27
151 "208/6NT2 = "
152 ARCL X
153 AVIEW
154 ADV
155 ADV
156 RTN
157*LBL a
158 XEQ 01
159 XEQ 02
160 XEQ 03
161 RCL 08
162 RCL 21
163 -
164 STO 05
165 "206/4NT1 = "
166 ARCL X
167 AVIEW
168 RCL 09
169 RCL 20
170 -
171 STO 06
172 "207/4NT1 = "
173 ARCL X
174 AVIEW
175 RCL 10
176 RCL 22
177 -
178 STO 07
179 "208/4NT1 = "
180 ARCL X
181 AVIEW
182 RCL 06
183 RCL 05
184 /
185 STO 26
186 "207/6NT1 = "
187 ARCL X
188 AVIEW
189 RCL 07
190 RCL 05
191 /
192 STO 28
193 "208/6NT1 = "
194 ARCL X
195 AVIEW
196 ADV
197 ADV
198 RTN
199*LBL B
200 XEQ 04
201 XEQ 05
202 RCL 08
203 RCL 05
204 -
205 RCL 30
206 /
207 STO 15
208 "U206 = "
209 ARCL X
210 AVIEW
211 RCL 09
212 RCL 06
213 -
214 RCL 04
215 *
216 RCL 31
217 /
218 STO 16
219 "U207 = "
220 ARCL X
221 AVIEW
222 RCL 15
223 RCL 16
224 +
225 2
226 /
227 STO 17
228 "U AVG = "
229 ARCL X
230 AVIEW
231 XEQ 04
232 XEQ 05
233 RCL 09
234 RCL 05
235 *
236 RCL 08
237 RCL 06
238 *
239 -
240 RCL 31
241 RCL 08
242 *
243 RCL 04
244 /
245 RCL 30
246 RCL 09
247 *
248 -
249 /
250 STO 11
251 "U ALL = "
252 ARCL X
253 AVIEW
254 RTN
255*LBL b
256 XEQ 04
257 XEQ 06
258 RCL 10
259 RCL 07
260 -
261 RCL 32
262 /
263 STO 33
264 "W208 = "
265 ARCL X
266 AVIEW
267 RCL 30
268 RCL 11
269 *
270 RCL 10
271 *
272 RCL 10
273 RCL 05
274 *
275 +
276 RCL 08
277 RCL 07
278 *
279 -
280 RCL 32
281 RCL 08
282 *
283 /
284 STO 12
285 "W ALL = "
286 ARCL X
287 AVIEW
288 ADV
289 ADV
290 RTN
291*LBL 01
292 RCL 02
293 RCL 13
294 *
295 E↑X
296 RCL 02
297 RCL 14
298 *
299 E↑X
300 -
301 RCL 11
302 RCL 04
303 /
304 *
305 STO 20
306 RTN
307*LBL 02
308 RCL 01
309 RCL 13
310 *
311 E↑X
312 RCL 01
313 RCL 14
314 *
315 E↑X
316 -
317 RCL 11
318 *
319 STO 21
320 RTN
321*LBL 03
322 RCL 03
323 RCL 13
324 *
325 E↑X
326 RCL 03
327 RCL 14
328 *
329 E↑X
330 -
331 RCL 12
332 *
333 STO 22
334 RTN
335*LBL 04
336 RCL 01
337 RCL 13
338 *
339 E↑X
340 RCL 01
341 RCL 14
342 *
343 E↑X
344 -
345 STO 30
346 RTN
347*LBL 05
348 RCL 02
349 RCL 13
350 *
351 E↑X
352 RCL 02
353 RCL 14
354 *
355 E↑X
356 -
357 STO 31
358 RTN
359*LBL 06
360 RCL 03
361 RCL 13
362 *
363 E↑X
364 RCL 03
365 RCL 14
366 *
367 E↑X
368 -
369 STO 32
370 RTN
371 .END.
```